

CERTIFICATE OF ANALYSIS

Product Name	SARS-CoV-2 Spike Glycoprotein-90% purity
Cat No.	RP30027-CN
Lot No	E4866423L
Sequence	See appendix for details
Modification	N/A
Size	Subpool 1: 3.95mg and Subpool 2: 3.95mg
Storage	-20°C
Recommended Solvent*	Dimethyl sulfoxide(Analytical grade)
HPLC purity	≥90.0%
Appearance	White lyophilized powder
Comments	TFA salts

*Note: Above recommended solvents for reference only. If there is any request for detailed dissolution conditions, we suggest you choose our 'Peptide Solubility Test Service'.

Caution:

For laboratory or further manufacturing use only. Not intended for household use. If you have any questions about the Certificate of Analysis, please contact our customer service representative at 1-877-436-7274 (TollFree), or 1-732-885-9188.

Certified by: *Shanshan Wei* Date: 12/05/2023

Thank you for your patronage to our Peptide services! To maintain this working relationship, we shall be grateful if you can add our webpage URL into your lab website. As a token of appreciation, you will be rewarded by 1,000 EZcoupon™ points. For more information, please contact us by e-mail at web@genscript.com.

Appendix:

Subpool 1			
Sequence	MW	Quantity	Purity
MFVFLVLLPLVSSQC	1696.13	25ug	≥90.0%
LVLLPLVSSQCVNLT	1598.95	25ug	≥90.0%
PLVSSQCVNLTTTRTQ	1646.87	25ug	≥90.0%
SQCVNLTTTRTQLPPA	1628.86	25ug	≥90.0%
NLTTTRTQLPPAYTNS	1676.83	25ug	≥90.0%
RTQLPPAYTNSFTRG	1708.88	25ug	≥90.0%

PPAYTNSFTRGVVYP	1732.90	25ug	≥90.0%
TNSFTRGVVYPDKVF	1793.98	25ug	≥90.0%
TRGVVYPDKVFRSSV	1773.99	25ug	≥90.0%
YYPDKVFRSSVLHST	1799.00	25ug	≥90.0%
KVFRSSVLHSTQDLF	1764.00	25ug	≥90.0%
SSVLHSTQDLFLPFF	1737.96	25ug	≥90.0%
HSTQDLFLPFFSNVT	1752.93	25ug	≥90.0%
DLFLPFFSNVTFWHA	1841.08	25ug	≥90.0%
PFFSNVTFWHAHVS	1789.01	25ug	≥90.0%
NVTFWHAHVSGTNG	1639.78	25ug	≥90.0%
FHAHVSGTNGTKRF	1671.86	25ug	≥90.0%
HVSGTNGTKRFDNPV	1628.75	25ug	≥90.0%
TNGTKRFDNPVLPFN	1719.90	25ug	≥90.0%
KRFDNPVLPFNDGVY	1780.98	25ug	≥90.0%
NPVLPFNDGVYFAST	1640.80	25ug	≥90.0%
PFNDGVYFASTEKSN	1675.76	25ug	≥90.0%
GVYFASTEKSNIIRG	1641.83	25ug	≥90.0%
ASTEKSNIIRGWIFG	1678.89	25ug	≥90.0%
KSNIIRGWIFGTTLD	1720.97	25ug	≥90.0%
IRGWIFGTTLDSKTQ	1722.95	25ug	≥90.0%
IFGTTLDSKTQSLLI	1636.89	25ug	≥90.0%
TLDSKTQSLLIVNNA	1616.82	25ug	≥90.0%
KTQSLLIVNNATNVV	1613.86	25ug	≥90.0%
LLIVNNATNVVIKVC	1612.98	25ug	≥90.0%
NNATNVVIKVCEFAQF	1725.97	25ug	≥90.0%
NVVIKVCEFAQCNDP	1755.03	25ug	≥90.0%
KVCEFAQCNDPFLGV	1746.02	25ug	≥90.0%
FQFCNDPFLGVYYHK	1878.12	25ug	≥90.0%
NDPFLGVYYHKNNKS	1795.96	25ug	≥90.0%
LGVYYHKNNKSWMES	1856.07	25ug	≥90.0%
YHKNNKSWMESEFRV	1955.17	25ug	≥90.0%
NKSWMESEFRVYSSA	1820.98	25ug	≥90.0%
MESEFRVYSSANNCT	1737.87	25ug	≥90.0%
FRVYSSANNCTFEYV	1799.96	25ug	≥90.0%
SSANNCTFEYVSQPF	1693.80	25ug	≥90.0%
NCTFEYVSQPFLMDL	1807.06	25ug	≥90.0%
EYVSQPFLMDLEGKQ	1784.00	25ug	≥90.0%
QPFLMDLEGKQGNFK	1752.01	25ug	≥90.0%
MDLEGKQGNFKNLRE	1778.99	25ug	≥90.0%
GKQGNFKNLREFVFK	1812.09	25ug	≥90.0%
NFKNLREFVFKNIDG	1841.08	25ug	≥90.0%
LREFVFKNIDGYFKI	1889.21	25ug	≥90.0%
VFKNIDGYFKIYSKH	1859.14	25ug	≥90.0%
IDGYFKIYSKHTPIN	1796.04	25ug	≥90.0%
FKIYSKHTPINLVRD	1831.13	25ug	≥90.0%
SKHTPINLVRDLPQG	1674.91	25ug	≥90.0%
PINLVRDLPQGFSAL	1639.90	25ug	≥90.0%
VRDLQPQGFSALEPLV	1640.89	25ug	≥90.0%

PQGFSALEPLVDLPI	1595.84	25ug	≥90.0%
SALEPLVDLPIGINI	1563.84	25ug	≥90.0%
PLVDLPIGINITRFQ	1696.01	25ug	≥90.0%
LPIGINITRFQTLA	1670.01	25ug	≥90.0%
INITRFQTLALHRS	1783.09	25ug	≥90.0%
RFQTLALHRSYLTP	1816.12	25ug	≥90.0%
LLALHRSYLTPGDSS	1629.82	25ug	≥90.0%
HRSYLTPGDSSSGWT	1650.71	25ug	≥90.0%
LTPGDSSSGWTAGAA	1377.42	25ug	≥90.0%
DSSSGWTAGAAAYV	1505.55	25ug	≥90.0%
GWTAGAAAYVGYLQ	1590.74	25ug	≥90.0%
GAAAYVGYLQPRTF	1676.88	25ug	≥90.0%
YYVGYLQPRTFLLKY	1924.25	25ug	≥90.0%
YLQPRTFLLKYNENG	1856.09	25ug	≥90.0%
RTFLLKYNENGTITD	1784.97	25ug	≥90.0%
LKYNENGTITDAVDC	1655.79	25ug	≥90.0%
ENGTITDAVDCALDP	1533.62	25ug	≥90.0%
ITDAVDCALDPLSET	1562.70	25ug	≥90.0%
VDCALDPLSETKCTL	1607.85	25ug	≥90.0%
LDPLSETKCTLKSFT	1682.94	25ug	≥90.0%
SETKCTLKSFTVEKG	1657.89	25ug	≥90.0%
CTLKSFTVEKGIYQT	1717.99	25ug	≥90.0%
SFTVEKGIYQTSNFR	1776.95	25ug	≥90.0%
EKGIYQTSNFRVQPT	1767.94	25ug	≥90.0%
YQTSNFRVQPTESIV	1768.93	25ug	≥90.0%
NFRVQPTESIVRFPN	1804.02	25ug	≥90.0%
QPTESIVRFPNITNL	1728.95	25ug	≥90.0%
SIVRFPNITNLCPFG	1677.97	25ug	≥90.0%
FPNITNLCPFGEVFN	1711.94	25ug	≥90.0%
TNLCPFGEVFNATRF	1715.93	25ug	≥90.0%
PFGEVFNATRFASVY	1704.89	25ug	≥90.0%
VFNATRFASVYAWNR	1802.01	25ug	≥90.0%
TRFASVYAWNRKRIS	1855.12	25ug	≥90.0%
SVYAWNRKRISNCVA	1767.03	25ug	≥90.0%
WNRKRISNCVADYSV	1811.04	25ug	≥90.0%
RISNCVADYSVLYNS	1703.88	25ug	≥90.0%
CVADYSVLYNSASFS	1625.76	25ug	≥90.0%
YSVLYNSASFSTFKC	1716.92	25ug	≥90.0%
YNSASFSTFKCYGVS	1660.81	25ug	≥90.0%
SFSTFKCYGVSPTKL	1664.93	25ug	≥90.0%
FKCYGVSPTKLNDLC	1687.99	25ug	≥90.0%
GVSPTKLNDLCFTNV	1607.83	25ug	≥90.0%
TKLNDLCFTNVYADS	1703.88	25ug	≥90.0%
DLCFTNVYADSFVIR	1762.99	25ug	≥90.0%
TNVYADSFVIRGDEV	1684.81	25ug	≥90.0%
ADSFVIRGDEVQRQA	1675.85	25ug	≥90.0%
VIRGDEVQRQAIPGQT	1638.83	25ug	≥90.0%
DEVQRQAIPGQTGKIA	1582.76	25ug	≥90.0%

QIAPGQTGKIADYNY	1638.78	25ug	≥90.0%
GQTGKIADYNYKLPD	1682.84	25ug	≥90.0%
KIADYNYKLPDDFTG	1759.92	25ug	≥90.0%
YNYKLPDDFTGCVIA	1718.93	25ug	≥90.0%
LPDDFTGCVIAWNSN	1651.80	25ug	≥90.0%
FTGCVIAWNSNNLDS	1640.78	25ug	≥90.0%
VIAWNSNNLDSKVG	1573.71	25ug	≥90.0%
NSNNLDSKVGNYNY	1658.69	25ug	≥90.0%
LDSKVGGNYNYLYRL	1774.98	25ug	≥90.0%
VGGNYNYLYRLFRKS	1850.09	25ug	≥90.0%
YNYLYRLFRKSNLKP	1975.31	25ug	≥90.0%
YRLFRKSNLKPFERD	1969.26	25ug	≥90.0%
RKSNLKPFERDISTE	1820.02	25ug	≥90.0%
LKPFERDISTEIQQA	1810.02	25ug	≥90.0%
ERDISTEIQAGSTP	1666.75	25ug	≥90.0%
STEIQAGSTPCNGV	1526.63	25ug	≥90.0%
YQAGSTPCNGVEGFN	1543.62	25ug	≥90.0%
STPCNGVEGFNCYFP	1634.80	25ug	≥90.0%
NGVEGFNCYFPLQSY	1737.89	25ug	≥90.0%
GFNCYFPLQSYGFQP	1767.96	25ug	≥90.0%
YFPLQSYGFQPTNGV	1717.88	25ug	≥90.0%
QSYGFQPTNGVGYQP	1642.73	25ug	≥90.0%
FQPTNGVGYQPYRVV	1724.92	25ug	≥90.0%
NGVGYQPYRVVLSF	1697.94	25ug	≥90.0%
YQPYRVVLSFELLH	1863.17	25ug	≥90.0%
RVVLSFELLHAPAT	1651.95	25ug	≥90.0%
LSFELLHAPATVCGP	1554.82	25ug	≥90.0%
LLHAPATVCGPKKST	1522.82	25ug	≥90.0%
PATVCGPKKSTNLVK	1542.85	25ug	≥90.0%
CGPKKSTNLVKNCV	1618.97	25ug	≥90.0%
KSTNLVKNCVNFNF	1756.04	25ug	≥90.0%
LVKNKCVNFNFNGLT	1711.00	25ug	≥90.0%
KCVNFNFNGLTGTGV	1570.78	25ug	≥90.0%
FNFNGLTGTGVLTES	1556.68	25ug	≥90.0%
GLTGTGVLTESNKKF	1551.75	25ug	≥90.0%
TGVLTESNKKFLPFQ	1708.96	25ug	≥90.0%
TESNKKFLPFQQFGR	1827.06	25ug	≥90.0%
KKFLPFQQFGRDIAD	1810.07	25ug	≥90.0%
PFQQFGRDIADTTDA	1681.76	25ug	≥90.0%
FGRDIADTTDAVRDP	1648.74	25ug	≥90.0%
IADTTDAVRDPQTLE	1644.74	25ug	≥90.0%
TDAVRDPQTLEILDI	1698.88	25ug	≥90.0%
RDPQTLEILDITPCS	1700.92	25ug	≥90.0%
TLEILDITPCSFGGV	1564.81	25ug	≥90.0%
LDITPCSFGGVSVIT	1508.74	25ug	≥90.0%
PCSFGGVSVITPGTN	1435.61	25ug	≥90.0%
GGVSVITPGTNTSNQ	1431.51	25ug	≥90.0%
VITPGTNTSNQVAVL	1513.70	25ug	≥90.0%

GTNTSNQVAVLYQDV	1608.71	25ug	≥90.0%
SNQVAVLYQDVNCTE	1682.81	25ug	≥90.0%
AVLYQDVNCTEVPVA	1620.83	25ug	≥90.0%
QDVNCTEVPVAIHAD	1610.75	25ug	≥90.0%
CTEVPVAIHADQLTP	1593.81	25ug	≥90.0%
PVAIHADQLTPTWRV	1703.95	25ug	≥90.0%
HADQLTPTWRVYSTG	1731.87	25ug	≥90.0%
LTPTWRVYSTGSNVF	1727.92	25ug	≥90.0%
Subpool 2			
Sequence	MW	Quantity	Purity
WRVYSTGSNVFQTRA	1771.94	25ug	≥90.0%
STGSNVFQTRAGCLI	1553.75	25ug	≥90.0%
NVFQTRAGCLIGAEH	1615.82	25ug	≥90.0%
TRAGCLIGAEHVNNS	1541.70	25ug	≥90.0%
CLIGAEHVNNSYECD	1666.80	25ug	≥90.0%
AEHVNNSYECDIPIG	1660.77	25ug	≥90.0%
NNSYECDIPIGAGIC	1568.73	25ug	≥90.0%
ECDIPIGAGICASYQ	1539.74	25ug	≥90.0%
PIGAGICASYQTQTN	1523.67	25ug	≥90.0%
GICASYQTQTNSPRR	1681.84	25ug	≥90.0%
SYQTQTNSPRRARSV	1750.88	25ug	≥90.0%
QTNSPRRARSVASQS	1644.76	25ug	≥90.0%
PRRARSVASQSIIAY	1674.91	25ug	≥90.0%
RSVASQSIIAYTMSL	1626.88	25ug	≥90.0%
SQSIIAYTMSLGAEN	1584.75	25ug	≥90.0%
IAYTMSLGAENSVAY	1589.77	25ug	≥90.0%
MSLGAENSVAYSNNS	1543.62	25ug	≥90.0%
AENSVAYSNNSIAIP	1549.64	25ug	≥90.0%
VAYSNNSIAIPTNFT	1611.76	25ug	≥90.0%
NNSIAIPTNFTISVT	1591.77	25ug	≥90.0%
AIPTNFTISVTTEIL	1619.86	25ug	≥90.0%
NFTISVTTEILPVSM	1651.93	25ug	≥90.0%
SVTTEILPVSMTKTS	1593.85	25ug	≥90.0%
EILPVSMTKTSVDCT	1623.90	25ug	≥90.0%
VSMTKTSVDCTMYIC	1682.02	25ug	≥90.0%
KTSVDCTMYICGDST	1623.83	25ug	≥90.0%
DCTMYICGDSTECSN	1641.78	25ug	≥90.0%
YICGDSTECSNLLLQ	1658.86	25ug	≥90.0%
DSTECSNLLLQYGSF	1676.81	25ug	≥90.0%
CSNLLLQYGSFCTQL	1689.96	25ug	≥90.0%
LLQYGSFCTQLNRAL	1727.00	25ug	≥90.0%
GSFCTQLNRALTGIA	1551.77	25ug	≥90.0%
TQLNRALTGIAVEQD	1628.79	25ug	≥90.0%
RALTGIAVEQDKNTQ	1643.80	25ug	≥90.0%
GIAVEQDKNTQEVFA	1648.78	25ug	≥90.0%
EQDKNTQEVFAQVKQ	1791.92	25ug	≥90.0%
NTQEVFAQVKQIYKT	1797.03	25ug	≥90.0%
VFAQVKQIYKTPPIK	1760.14	25ug	≥90.0%

VKQIYKTPPIKDFGG	1690.99	25ug	≥90.0%
YKTPPIKDFGGFNFS	1717.93	25ug	≥90.0%
PIKDFGGFNFSQILP	1679.92	25ug	≥90.0%
FGGFNFSQILPDPSK	1653.84	25ug	≥90.0%
NFSQILPDPSKPSKR	1713.94	25ug	≥90.0%
ILPDPSKPSKRSFIE	1713.98	25ug	≥90.0%
PSKPSKRSFIEDLLF	1764.04	25ug	≥90.0%
SKRSFIEDLLFNKVT	1797.07	25ug	≥90.0%
FIEDLLFNKVTLADA	1708.96	25ug	≥90.0%
LLFNKVTLADAGFIK	1649.98	25ug	≥90.0%
KVTLADAGFIKQYGD	1625.83	25ug	≥90.0%
ADAGFIKQYGDCLGD	1572.70	25ug	≥90.0%
FIKQYGDCLGDIAAR	1669.91	25ug	≥90.0%
YGDCLGDIAARDLIC	1597.82	25ug	≥90.0%
LGDIAARDLICAQKF	1633.92	25ug	≥90.0%
AARDLICAQKFNGLT	1620.88	25ug	≥90.0%
LICAQKFNGLTVLPP	1613.97	25ug	≥90.0%
QKFNGLTVLPPLTD	1655.94	25ug	≥90.0%
GLTVLPPLLTDEMIA	1582.91	25ug	≥90.0%
LPPLLTDEMIAQYTS	1691.95	25ug	≥90.0%
LTDEMIAQYTSALLA	1639.87	25ug	≥90.0%
MIAQYTSALLAGTIT	1553.83	25ug	≥90.0%
YTSALLAGTITSGWT	1541.71	25ug	≥90.0%
LLAGTITSGWTFGAG	1451.63	25ug	≥90.0%
TITSGWTFGAGAALQ	1480.63	25ug	≥90.0%
GWTFGAGAALQIPFA	1506.71	25ug	≥90.0%
GAGAALQIPFAMQMA	1476.77	25ug	≥90.0%
ALQIPFAMQMAYRFN	1801.15	25ug	≥90.0%
PFAMQMAYRFNGIGV	1702.02	25ug	≥90.0%
QMAYRFNGIGVTQNV	1697.92	25ug	≥90.0%
RFNGIGVTQNVLYEN	1723.89	25ug	≥90.0%
IGVTQNVLYENQKLI	1731.99	25ug	≥90.0%
QNVLYENQKLIANQF	1822.03	25ug	≥90.0%
YENQKLIANQFNSAI	1752.93	25ug	≥90.0%
KLIANQFNSAIGKIQ	1644.92	25ug	≥90.0%
NQFNSAIGKIQDLSL	1621.75	25ug	≥90.0%
SAIGKIQDLSLSTAS	1464.58	25ug	≥90.0%
KIQDLSLSTASALGK	1505.68	25ug	≥90.0%
SLSSTASALGKLQDV	1476.64	25ug	≥90.0%
TASALGKLQDVVNQN	1557.71	25ug	≥90.0%
LGKLQDVVNQNAQAL	1610.82	25ug	≥90.0%
QDVVNQNAQALNTLV	1626.77	25ug	≥90.0%
NQNAQALNTLVKQLS	1641.83	25ug	≥90.0%
QALNTLVKQLSSNFG	1619.82	25ug	≥90.0%
TLVKQLSSNFGAISS	1551.75	25ug	≥90.0%
QLSSNFGAISSVLND	1551.66	25ug	≥90.0%
NFGAISSVLNDILSR	1605.80	25ug	≥90.0%
ISSVLNDILSRDKV	1671.94	25ug	≥90.0%

LNDILSRDKVEAEV	1713.93	25ug	≥90.0%
LSRDKVEAEVQIDR	1770.99	25ug	≥90.0%
DKVEAEVQIDRLITG	1685.88	25ug	≥90.0%
AEVQIDRLITGRLQS	1698.93	25ug	≥90.0%
IDRLITGRLQSLQTY	1777.04	25ug	≥90.0%
ITGRLQSLQTYVTQQ	1735.94	25ug	≥90.0%
LQSLQTYVTQQLIRA	1762.02	25ug	≥90.0%
QTYVTQQLIRAAEIR	1790.04	25ug	≥90.0%
TQQLIRAAEIRASAN	1641.83	25ug	≥90.0%
IRAAEIRASANLAAT	1527.73	25ug	≥90.0%
EIRASANLAATKMSE	1591.79	25ug	≥90.0%
SANLAATKMSECVLG	1494.74	25ug	≥90.0%
AATKMSECVLGQSKR	1608.89	25ug	≥90.0%
MSECVLGQSKRVDFC	1701.99	25ug	≥90.0%
VLGQSKRVDFCGKGY	1656.91	25ug	≥90.0%
SKRVDFCGKGYHLMS	1728.01	25ug	≥90.0%
DFCGKGYHLMSFPQS	1716.94	25ug	≥90.0%
KGYHLMSFPQSAPHG	1656.87	25ug	≥90.0%
LMSFPQSAPHG VVFL	1629.93	25ug	≥90.0%
PQSAPHG VVFLHVTY	1651.87	25ug	≥90.0%
PHG VVFLHVTYVPAQ	1663.92	25ug	≥90.0%
VFLHVTYVPAQEKNF	1792.05	25ug	≥90.0%
VTYVPAQEKNFTTAP	1665.85	25ug	≥90.0%
PAQEKNFTTAPAICH	1627.83	25ug	≥90.0%
KNFTTAPAICHDGKA	1573.78	25ug	≥90.0%
TAPAICHDGKAHFPR	1620.84	25ug	≥90.0%
ICHDGKAHFPRGVF	1712.94	25ug	≥90.0%
GKAHFPRGVFVSNG	1601.77	25ug	≥90.0%
FPREGV FVSNGTHWF	1779.96	25ug	≥90.0%
GVFVSNGTHWFVTQR	1734.92	25ug	≥90.0%
SNGTHWFVTQRNFYE	1886.00	25ug	≥90.0%
HWFVTQRNFYEPQII	1978.22	25ug	≥90.0%
TQRNFYEPQIITTDN	1839.96	25ug	≥90.0%
FYEPQIITDNTFVS	1774.93	25ug	≥90.0%
QIITDNTFVSGNCD	1627.74	25ug	≥90.0%
TDNTFVSGNCDVIG	1540.66	25ug	≥90.0%
FVSGNCDVIGIVNN	1549.75	25ug	≥90.0%
NCDVIGIVNNTVYD	1637.82	25ug	≥90.0%
VIGIVNNTVYDPLQP	1641.87	25ug	≥90.0%
VNNTVYDPLQPELDS	1703.81	25ug	≥90.0%
VYDPLQPELDSFKEE	1808.94	25ug	≥90.0%
LQPELDSFKEELDKY	1854.03	25ug	≥90.0%
LDSFKEELDKYFKNH	1913.10	25ug	≥90.0%
KEELDKYFKNHTSPD	1850.99	25ug	≥90.0%
DKYFKNHTSPDVLG	1735.86	25ug	≥90.0%
KNHTSPDVLGDISG	1554.62	25ug	≥90.0%
SPDVLGDISGINAS	1459.52	25ug	≥90.0%
DLGDISGINASVUNI	1486.63	25ug	≥90.0%

ISGINASVVNIQKEI	1584.82	25ug	≥90.0%
NASVVNIQKEIDRLN	1712.91	25ug	≥90.0%
VNIQKEIDRLNEVAK	1769.02	25ug	≥90.0%
KEIDRLNEVAKNLNE	1784.97	25ug	≥90.0%
RLNEVAKNLNESLID	1727.92	25ug	≥90.0%
VAKNLNESLIDLQEL	1698.92	25ug	≥90.0%
LNESLIDLQELGKYE	1763.95	25ug	≥90.0%
LIDLQELGKYEQYIK	1853.13	25ug	≥90.0%
QELGKYEQYIKWPWY	2031.28	25ug	≥90.0%
KYEQYIKWPWYIWLG	2073.40	25ug	≥90.0%
YIKWPWYIWLGFIAG	1913.27	25ug	≥90.0%
PWYIWLGFIAGLIAI	1733.11	25ug	≥90.0%
WLGFIAGLIAIVMT	1604.02	25ug	≥90.0%
IAGLIAIVMTIMLC	1561.08	25ug	≥90.0%
IAIVMTIMLCCMTS	1629.15	25ug	≥90.0%
MVTIMLCCMTSCCSC	1629.14	25ug	≥90.0%
MLCCMTSCCCLKGC	1586.07	25ug	≥90.0%
MTSCCCLKGCCSCG	1485.85	25ug	≥90.0%
CCLKGCCSCGSCCK	1484.86	25ug	≥90.0%
KGCCSCGSCCKFDED	1584.80	25ug	≥90.0%
SCGSCCKFDEDDSEP	1621.69	25ug	≥90.0%
CCKFDEDDSEPVKLG	1684.85	25ug	≥90.0%
DEDDSEPVKLGVKLH	1680.82	25ug	≥90.0%
SEPVKLGVKLHYT	1470.72	25ug	≥90.0%