

CERTIFICATE OF ANALYSIS

Product Information

Product Name	CHO-K1/GHSR
Cat. No.	M00189
Lot No.	R10032103-3
Host Cell:	CHO-K1
Target Gene:	GHSR
Quantity:	2 vials of frozen cells, > 1x10 ⁶ cells/vial
Shipping Condition:	Dry Ice
Recommended	
Storage Condition:	Liquid Nitrogen

Stable Cell Line Information

Recommended Cell Culture Medium: Ham's F12K, 10% FBS, 500 µg/ml G418

Freeze Medium: 45% culture medium, 45% FBS, 10% DMSO

Application: Calcium flux assay on GHSR receptor.

Test Item	Specification	Result
Mycoplasma	Negative*	Negative*
Cell viability	>90%	96%
Function assay	Calcium flux assay	EC ₅₀ =1.428×10 ⁻⁸ M

* The mycoplasma test was performed with MycoAlert™ PLUS Mycoplasma Detection Kit of Lonza.

Appendix

Calcium Flux assay

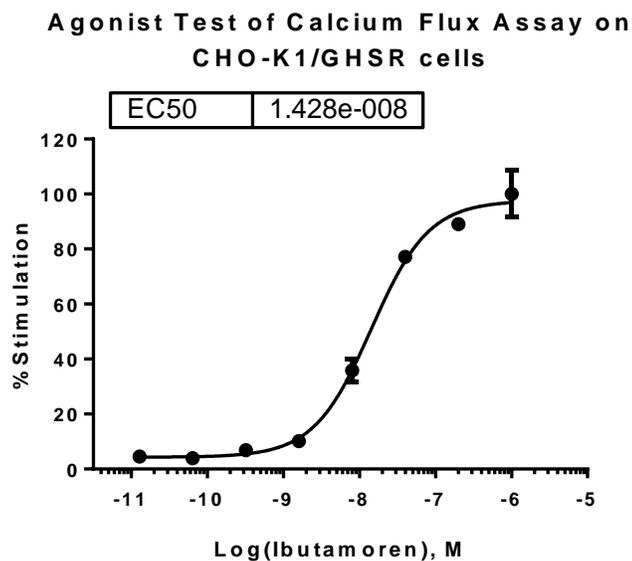


Figure 1. Ibutamoren induced intracellular Calcium Flux in CHO-K1/GHSR cells, $EC_{50}=1.428 \times 10^{-8}$ M.

Caution

For research 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 (Toll-Free), or 1-732-885-9188.

Certified by:

Dan Jiang

Date: 03/22/2021

Department of New Technology