

## CERTIFICATE OF ANALYSIS

### Product Information

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Product Name: TGF- $\beta$  1, Mouse  
Cat. No.: Z03431  
Lot No.: R50031907  
Size: 10  $\mu$ g/vial ; 50  $\mu$ g/vial  
Storage Condition: Upon reconstitution, store at 2 - 8°C for up to one week,  
and store at lower than -70°C for long term storage.  
**Avoid repeated freeze/thaw cycles.**

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### Quality Control

Test Items	Specifications	Results
Physical Appearance	White Freeze-dried Powder	Conformed
Purity (SDS-PAGE&HPLC)	> 95 %	Conformed
Molecular Weight	12.8 $\pm$ 1.2 KDa	Conformed
Bacterial Endotoxin	< 1.0 EU/ $\mu$ g	< 0.1ng/ $\mu$ g

### Caution:

For laboratory use only. Not 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: zh.cui Date: 07/20/2019

Protein Products Department