

Version : 01

Update : 12/17/2021

CERTIFICATE OF ANALYSIS

Product Information

Product Name	TGF- β 1, Mouse
Cat. No.	Z03431
Lot No.	M2112038
Size	Specified on product label
Formulation	LyophilizedLyophilized from a 0.2 μ m filtered solution in 4 mM HCl.
Reconstitution	It is recommended that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute the lyophilized powder in ddH ₂ O up to 100 μ g/ml.
Storage & Stability	Upon receiving, this product remains stable for up to 6 months at -70°C or -20°C. Upon reconstitution, the product should be stable for up to 1 week at 4°C or up to 3 months at -20°C. Avoid repeated freeze-thaw cycles.

Quality Control

Test Items	Specifications	Results
Appearance	White Freeze-dried Powder	Passed
Biological Activity	ED ₅₀ is 5-25 pg/ml, measured by its ability to inhibit IL-4-dependent proliferation of TF-1 human erythroleukemic cells.	Passed
Purity	> 95% as analyzed by SDS-PAGE	Passed
Endotoxin Level	< 1 EU/ μ g of protein by gel clotting method	Passed

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

Date: 12/17/2021

Approved by: *Dandan Yao*

Quality Department

For laboratory research use only. Direct human use, including taking orally and injection and clinical use are forbidden.