

Version : 04  
Update : 05/08/2023

## CERTIFICATE OF ANALYSIS

### Product Information

Product Name:	TGF- $\beta$ 2, Human
Cat. No.:	Z03429
Lot No.:	M2312006
Size:	Specified on product label
Formulation:	Lyophilized from a 0.2 $\mu$ 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 <sub>2</sub> O up to 100 $\mu$ g/ml.
Stability & Storage:	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	Pass
Purity	> 95% as analyzed by SDS-PAGE	Pass
Endotoxin Level	< 1 EU/ $\mu$ g of protein by LAL method	Pass
Biological Activity	ED <sub>50</sub> < 0.2 ng/ml, measured in a cell proliferation assay using mouse HT-2 cells.	Pass

Date: 12/14/2023

Approved by: *Dandan Yao*

Quality Department

**For research use only. Not intended for human and animal therapeutic or diagnostic use.**

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