

CERTIFICATE OF ANALYSIS

Product Information

Product Name: TNF- α (80-235aa), Mouse

Cat. No.: Z03333

Lot No.: P50031903

Storage Condition: Lyophilized recombinant Mouse Tumor Necrosis Factor-alpha (TNF- α)(80-235aa) remains stable up to 6 months at lower than -70°C from date of receipt. Upon reconstitution, rmTNF- α (80-235aa) should be stable up to 1 week at 4°C or up to 3 months at -20°C.

Quality Control

Test Items	Specifications	Results
Physical Appearance	White Freeze-dried Powder	Conformed
Purity (SDS-PAGE)&HPLC	> 98%	Conformed
Biological Activity (ED ₅₀)	< 0.05 ng/mL	Conformed
Molecular Weight	17.3 kDa	Conformed
Bacterial Endotoxin	< 0.2 EU/ μ g	Conformed

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: Joe Wang Date: 03/15/2019

Protein Products Department