

CERTIFICATE OF ANALYSIS

Product Information

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

Cat. No.: Z03333-10; Z03333-50; Z03333-1

Lot No.: P50031512

Size: 10 μ g/vial; 50 μ g/vial; 1 mg/vial

Storage Condition: Lyophilized recombinant Mouse TNF- α remains stable up to 6 months at -80°C from date of receipt. Upon reconstitution, rmTNF- α should be stable up to 1 week at 4°C or up to 3 months at -20°C. For long term storage it is recommended that a carrier protein (example 0.1% BSA) can be added. Avoid repeated freeze-thaw cycles.

Quality Control

Test Items	Specifications	Results
Physical Appearance	White Freeze-dried Powder	Conformed
Purity (SDS-PAGE&HPLC)	> 98%	Conformed
Biological Activity	< 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: 11/15/2017
Protein Products Department