Recombinant Mouse TNF-α(*E.coli*-expressed)

Catalog Number: OM770222

Characteristics:

Source	*E.coli*
Description	Mouse TNFa(Asp89-Leu235) Accession #P06804
Predicted molecular mass	16.3kDa

Specification:

Appearance	White powder, colorless clear liquid after reconstitution
Purity	≥95%, by SDS-PAGE (under reducing (R)& Non-reducing conditions, visualized by Coomassie staining)
Endotoxin	≤10 EU/mg by the LAL method
Activity	Measured in a cytotoxicity assay using L-929 mouse fibroblast cells in thepresence of the metabolic inhibitor actinomycin D. The ED_{50} for this effectis < 10 pg/mL.
Formulation	Lyophilized from a 0.22 μm-filtered solution containing 10mM PB,50mM Nacl,5% Trehalose and 0.01% Tween 80, pH7.4
Size	10 μg/vial, 50 μg/vial

Handling and Storage:

Reconstitution	It is recommended to redissolve in sterile deionized water.
Shipping	The product is shipped with blue ice
Storage & Stability	36 months at -20°C to -80°C in lyophilized state 6 months at -20°C to -80°C under sterile conditions after reconstitution 7-10 days at 2°C to 8°C under sterile conditions after reconstitution **Use a manual defrost freezer and avoid repeated freeze-thaw cycles.**