

Active Recombinant Mouse TNFa Protein, Met-tagged

Cat. No. TNFa-731M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse TNFa Protein(NP_038721.1) (Leu 80-Leu 235) was expressed in E. coli, with an initial Met at the N-terminus.
Species	Mouse
Source	E.coli
ProteinLength	Leu 80-Leu 235
Form	Lyophilized from sterile PBS, pH7.4 Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured in a cytotoxicity assay using L929 mouse fibrosarcoma cells in the presence of the metabolic inhibitor actinomycin D. The ED50 for this effect is typically 3-30 pg/mL.
Molecular Mass	The recombinant mouse TNF- α consists of 157 amino acids and migrates with an apparent molecular mass of 17.39 kDa as estimated in SDS-PAGE under reducing conditions.
Purity	> 98 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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