

Active Recombinant Mouse TNF protein, His-tagged

Cat. No. TNF-0807M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse TNF protein(Leu80-Leu235), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	80-235 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Mouse TNF-alpha, His Tag at 0.2 µg/mL (100 µL/well) can bind Human TNFR1, Fc Tag with a linear range of 0.1-1 ng/mL. Immobilized Mouse TNF-alpha, His Tag at 0.2 µg/mL (100 µL/well) can bind Humira with a linear range of 0.1-1 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminusThe protein has a calculated MW of 19.1 kDa. The protein migrates as 19-20 kDa and 23-24 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Leu80-Leu235
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.

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Storage

Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. 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.

GENE INFORMATION
Gene Name

Tnf tumor necrosis factor [Mus musculus]

Official Symbol

TNF

Synonyms

TNF; tumor necrosis factor; TNF-a; TNF alpha; cachectin; tumor necrosis factor alpha; tumor necrosis factor-alpha; tumor necrosis factor ligand superfamily member 2; DIF; Tnfa; TNFSF2; Tnfsf1a; TNFalpha; TNF-alpha; MGC151434;

Gene ID

21926

mRNA Refseq

NM_013693

Protein Refseq

NP_038721

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