

## Active Recombinant Mouse TNF protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse TNF protein(Leu80-Leu235), fused with His tag, was expressed in HEK293.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	80-235 a.a.
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	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.
<b>Proteinlength</b>	Leu80-Leu235
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>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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