

## Recombinant Mouse Tnf protein, Biotinylated

**Cat. No.** Tnf-484MB    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Tnf protein (NP_038721.1) (Leu80-Leu235), fused with an initial Met at the C-terminus, was expressed in E. coli. The purified protein was biotinylated in vitro.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	80-235 a.a.
<b>Predicted N Terminal</b>	Met
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4, 5% trehalose, 5% mannitol and 0.01% Tween80.
<b>Molecular Mass</b>	The recombinant TNF consists of 157 amino acids and predicts a molecular mass of 17.4 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE.
<b>Storage</b>	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 be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.
<b>Shipping</b>	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.
<b>Conjugation</b>	Biotin
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	<a href="#">Tnf tumor necrosis factor [ Mus musculus ]</a>
<b>Official Symbol</b>	<a href="#">Tnf</a>
<b>Synonyms</b>	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;
<b>Gene ID</b>	<a href="#">21926</a>
<b>mRNA Refseq</b>	<a href="#">NM_013693</a>
<b>Protein Refseq</b>	<a href="#">NP_038721</a>

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