

Recombinant Mouse TNF protein(Leu80-Leu235), Biotinylated

Cat. No. TNF-1166M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Mouse TNF (NP_038721.1) (Leu80-Leu235) was expressed in E. coli, with an initial Met at the N-terminus.
Species	Mouse
Source	E.coli
ProteinLength	Leu80-Leu235
Conjugation/Label	Biotin
Form	Lyophilized from sterile Sterile PBS. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant TNF consists of 157 amino acids and predicts a molecular mass of 17.4 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % 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 be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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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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Conjugation	Biotin
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GENE INFORMATION

Gene Name	Tnf tumor necrosis factor [Mus musculus]
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Official Symbol	TNF
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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;
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Gene ID	21926
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mRNA Refseq	NM_013693
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Protein Refseq	NP_038721
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