

Recombinant Mouse TNF protein(Leu80-Leu235), Biotinylated

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

SPECIFICATION

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| 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

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| 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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