

Tumor Necrosis Factor/TNFalpha Recombinant Protein | TNFalpha recombinant protein

Recombinant Mouse Tumor Necrosis Factor/TNFalpha Protein

CATALOG # AAA174041	HOST E Coli
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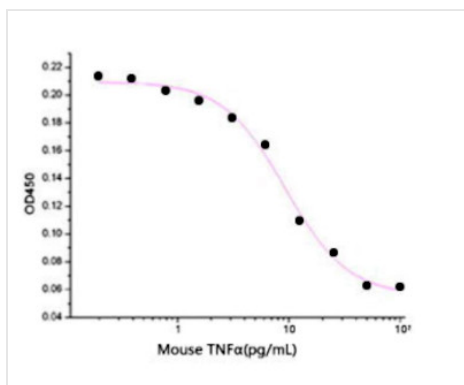
PRODUCT SYNONYMS

Tumor Necrosis Factor/TNFalpha; Recombinant Mouse Tumor Necrosis Factor/TNFalpha Protein; Tumor Necrosis Factor; Cachectin; TNF-Alpha; Tumor Necrosis Factor Ligand Superfamily Member 2; TNF-a; Membrane Form; Soluble Form; Tnf; Tnfa; Tnfsf2; TNFalpha recombinant protein

PRODUCT SPECIFICATIONS

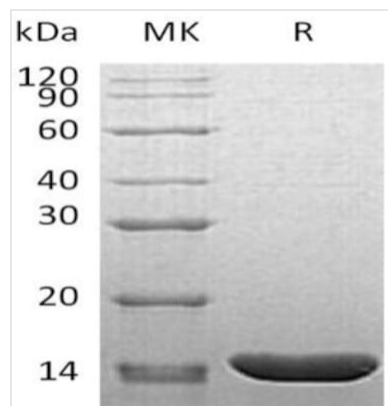
Host	E Coli
Purity/Purification	>95% as determined by reducing SDS-PAGE.
Form/Format	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Sequence Positions	Asp89-Leu235
Sequence Length	219
Species	Mouse
Endotoxin	<1.0 EU per ug as determined by LAL test.
Bio-Activity	Measured to a cytotoxicity assay using L-929 mouse fibroblast cells in the presence of the metabolic inhibitor actinomycin D. The ED50 for this effect is 2-8pg/mL.
Preparation and Storage	Lyophilized protein should be stored at < -20 degree C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7 degree C for 2-7 days. Aliquots of reconstituted samples are stable at < -20 degree C for 3 months.

IMAGES



Application Data
Bioactivity

SDS-PAGE



ADDITIONAL INFORMATION

Related Product Information for TNFalpha recombinant protein	Tumor Necrosis Factor (TNF) is a member of the Tumor Necrosis Factor family. TNF exists as a homotrimer and interacts with SPPL2B. TNF is mainly secreted by macrophages and can induce cell death of certain tumor cell lines. TNF is a key cytokine in the development of several inflammatory disorders. It contributes to the development of type 2 diabetes through its effects on insulin resistance and fatty acid metabolism.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	518831589
NCBI GeneID	21926
NCBI Accession #	NP_001265530.1
NCBI GenBank Nucleotide #	NM_001278601.1
UniProt Accession #	P06804; O35853; Q62326; Q91VF3
Molecular Weight	Molecular Mass: 16.4 kDa Actual Protein Molecular Mass: 14 kDa
NCBI Official Full Name	tumor necrosis factor isoform 2
NCBI Official Synonym Full Names	tumor necrosis factor
NCBI Official Symbol	Tnf
NCBI Official Synonym Symbols	DIF; Tnfa; TNF-a; TNFSF2; Tnlg1f; Tnfsf1a; TNFalpha; TNF-alpha
NCBI Protein Information	tumor necrosis factor
UniProt Protein Name	Tumor necrosis factor
UniProt Gene Name	Tnf
UniProt Synonym Gene Names	Tnfa; Tnfsf2; TNF-a; NTF; ICD1; ICD2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/tnf-recombinant-protein-e-coli/174041>