

Active Recombinant Human TNF protein, His-tagged

Cat. No. TNF-3315H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNF protein(Val 77 - Leu 233), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Val 77 - Leu 233
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Human TNF-alpha Protein, His Tag at 0.2 µg/mL (100 µL/well) can bind Human TNFR1, Fc Tag with a linear range of 0.4-13 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminusThe protein has a calculated MW of 18.3 kDa. The protein migrates as 17-19 kDa under reducing (R) condition (SDS-PAGE).
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE. >95% as determined by SEC-MALS.
Storage	For long term, the product should be stored at lyophilized state at -20°C or lower.Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile

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conditions after reconstitution.

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 [Homo sapiens]

Official Symbol

TNF

Synonyms

TNF; tumor necrosis factor; TNFA, tumor necrosis factor (TNF superfamily, member 2); DIF; TNF superfamily; member 2; TNF alpha; TNFSF2; TNF-a; cachectin; APC1 protein; TNF, monocyte-derived; TNF, macrophage-derived; TNF superfamily, member 2; tumor necrosis factor alpha; tumor necrosis factor-alpha; tumor necrosis factor ligand superfamily member 2; TNFA; TNF-alpha;

Gene ID

7124

mRNA Refseq

NM_000594

Protein Refseq

NP_000585

MIM

191160

UniProt ID

P01375

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