

Recombinant Human TNF Protein (Val77-Leu233), C-6xHis-tagged

Cat. No. TNF-734H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNF Protein (Val77-Leu233) with C-6xHis tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Val77-Leu233
Description	<p>This gene encodes a multifunctional proinflammatory cytokine that belongs to the tumor necrosis factor (TNF) superfamily. This cytokine is mainly secreted by macrophages. It can bind to, and thus functions through its receptors TNFRSF1A/TNFR1 and TNFRSF1B/TNFR. This cytokine is involved in the regulation of a wide spectrum of biological processes including cell proliferation, differentiation, apoptosis, lipid metabolism, and coagulation. This cytokine has been implicated in a variety of diseases, including autoimmune diseases, insulin resistance, and cancer. Knockout studies in mice also suggested the neuroprotective function of this cytokine.</p>
Form	Lyophilized
Molecular Mass	18.1 kDa
Purity	> 95% as determined by SDS-PAGE and Coomassie blue staining.

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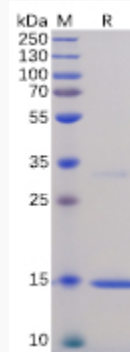
Storage	Store at -80 centigrade for 12 months (Avoid repeated freezing and thawing)
Storage Buffer	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 62 % trehalose is added as protectants before lyophilization.
GENE INFORMATION	
Gene Name	TNF tumor necrosis factor [Homo sapiens (human)]
Official Symbol	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_00594
Protein Refseq	NP_00585
MIM	191160
UniProt ID	P01375

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SDS-PAGE



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