

Active Recombinant Human TNF protein

Cat. No. TNF-154H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNF was expressed in HEK293 as Native Trimer Form and Animal-derived product free.
Species	Human
Source	HEK293
Form	1x PBS. Lyophilized and Carrier Free (CF).
Bio-activity	The activity was determined by the dose- dependent cytotoxicity of the TNF alpha sensitive cell line L-929 in the presence of Actinomycin D. Typically ≤ 1 ng/ml EC50
Molecular Mass	17 kDa, non-disulfide bonded homotrimer, glycosylated
Endotoxin	
Purity	>95%
Reconstitution	Briefly centrifuge the vial before opening. It is recommended to reconstitute the protein in sterile 1xPBS containing 0.1% endotoxin-free recombinant human serum albumin (HSA).

GENE INFORMATION

Gene Name TNF tumor necrosis factor [Homo sapiens]

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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
Chromosome Location	6p21.3
Pathway	Adipocytokine signaling pathway, organism-specific biosystem; Adipocytokine signaling pathway, conserved biosystem; Adipogenesis, organism-specific biosystem; African trypanosomiasis, organism-specific biosystem; African trypanosomiasis, conserved biosystem; Allograft rejection, organism-specific biosystem; Allograft rejection, conserved biosystem;
Function	cytokine activity; identical protein binding; protease binding; protein binding; transcription regulatory region DNA binding; tumor necrosis factor receptor binding;

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