

Active Recombinant Human TNF protein

Cat. No. TNF-5343H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human TNF protein was expressed in Yeast.
Species	Human
Source	Yeast
Form	Sterile lyophilized powder, in PBS containing 0.1% HSA, pH7.4.
Bio-activity	Measured in a cell apoptosis assay using L929 cell line. The specific Activity shall be not less than 5×10^7 IU/mg.
Molecular Mass	Approximately 17.4kD.
Endotoxin	<1EU/μg, determined by the LAL method.
Purity	≥97%.
Storage	Lyophilized samples are stable for 36 months from date of manufacture at -20°C to -70°C. Upon reconstitution, this cytokine can be stored under sterile conditions at 2- 8°C for one month or at -20°C to -70°C in a manual defrost freezer for three months without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended to reconstitute the lyophilized rHuTNF-α in 0.2ml sterile water.

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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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