

Recombinant Human Tumor Necrosis Factor-Alpha Variant, biologically active

Cat. No. TNF-76H Lot. No. (See product label)

SPECIFICATION

Product Overview	Tumor Necrosis Factor- α Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 158 amino acids
Species	Human
Source	E.coli
ProteinLength	158 amino acids
Description	TNF α is an adipokine involved in systemic inflammation and is a member of a group of cytokines that stimulate the acute phase reaction. It is produced chiefly by activated macrophages, although it can be produced by many other cell types such as CD4 ⁺ lymphocytes, NK cells, neutrophils, mast cells, eosinophils, and neurons.
Usage	This item is for LABORATORY RESEARCH USE ONLY.

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- α ; cachectin; APC1

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	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;