

# Recombinant Human Tumor Necrosis Factor-Alpha Variant, biologically active

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

## SPECIFICATION

<b>Product Overview</b>	Tumor Necrosis Factor- $\alpha$ Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 158 amino acids
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	158 amino acids
<b>Description</b>	TNF $\alpha$ 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.
<b>Usage</b>	This item is for LABORATORY RESEARCH USE ONLY.

## GENE INFORMATION

<b>Gene Name</b>	TNF tumor necrosis factor [ Homo sapiens ]
<b>Official Symbol</b>	TNF
<b>Synonyms</b>	TNF; tumor necrosis factor; TNFA, tumor necrosis factor (TNF superfamily, member 2); DIF; TNF superfamily; member 2; TNF alpha; TNFSF2; TNF- $\alpha$ ; cachectin; APC1

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA