

Recombinant Horse Tumor Necrosis Factor

Cat. No. TNF-380H Lot. No. (See product label)

SPECIFICATION

Product Overview	RecombinantHorse TNF was expressed in Pichia pastoris.
Species	Equine
Source	P.pastoris
Description	Equine TNFis produced by a range of cells, including macrophages, monocytes, T and Blymphocytes. TNF is an important mediator of the bovine inflammatoryresponse.
Form	Purified RecombinantProtein - lyophilized.
Application	Functional Assays
Preparation	Recombinant proteinexpressed in Pichia pastoris.
Buffer Solution	Phosphate buffered saline.
Molecular Weight	17.1 kD
Purity	> 95% by SDS-PAGEanalysis.
Storage	Prior toreconstitution store at +4°C. Store at -70°C. Storagein frost-free freezers is not recommended. This product should be storedundiluted. Avoid repeated freezing and thawing as this may denature theantibody. Should this product contain a precipitate

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we recommend microcentrifugation before use.

nullValue_other	Pathways	Adipocytokine signaling pathway; African trypanosomiasis; Allograft rejection; Alzheimer's disease; Amoebiasis; Amyotrophic lateral sclerosis (ALS); Antigen processing and presentation; Apoptosis; Asthma; Chagas disease (American trypanosomiasis); Cytokine-cytokine receptor interaction; Cytokines and Inflammatory Response (BioCarta); Death Receptor Signalling; Dilated cardiomyopathy; Extrinsic Pathway for Apoptosis
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GENE INFORMATION

Gene Name	TNF tumor necrosis factor [<i>Equus caballus</i>]
Official Symbol	TNF
Synonyms	TNF; tumor necrosis factor; TNFA; TNFSF2; TNF-a; TNF-alpha; cachectin; tumor necrosis factor-alpha; tumor necrosis factor (TNF superfamily, member 2); tumor necrosis factor ligand superfamily member 2; Tumor necrosis factor; Cachectin; Tumor necrosis factor ligand superfamily member 2; ENSECAG00000001174
Gene ID	100033834
mRNA Refseq	NM_001081819
Protein Refseq	NP_001075288
UniProt ID	P29553
Chromosome Location	20

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PDB rendering
based on 1TNF.



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