

Recombinant Bovine Tumor Necrosis Factor

Cat. No. TNF-378B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RecombinantBovine TNF was expressed in Pichia pastoris.
Species	Bovine
Source	P.pastoris
Description	BovineTNF is produced by a range of cells, including macrophages, monocytes, T andB lymphocytes. TNF is an important mediator of the bovine inflammatoryresponse.
Form	Purified RecombinantProtein - lyophilized.
Application	ELISA
Preparation	Recombinant proteinexpressed in Pichia pastoris.
Buffer Solution	Phosphate buffered saline.
Molecular Weight	17.4 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

GENE INFORMATION

Gene Name TNF tumor necrosis factor [Bos taurus]

Official Symbol TNF

Synonyms TNF; tumor necrosis factor; TNFa; 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, alpha (TNF superfamily, member 2); Tumor necrosis factor; Cachectin; Tumor necrosis factor ligand superfamily member 2; TNFA; TNFSF2; ENSBTAP00000035682

Gene ID 280943

mRNA Refseq NM_173966

Protein Refseq NP_776391

UniProt ID O06599

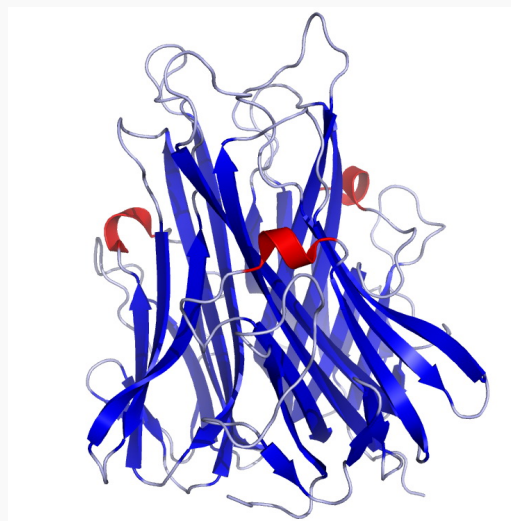
Chromosome Location 23q22

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PDB rendering
based on 1TNF.



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