

Tumor Necrosis Factor Alpha (TNFa) Protein | TNFa protein

Eukaryotic Tumor Necrosis Factor Alpha (TNFa)

CATALOG # AAA147093	HOST 293F cell	APPLICATIONS Western Blot, SDS-Page
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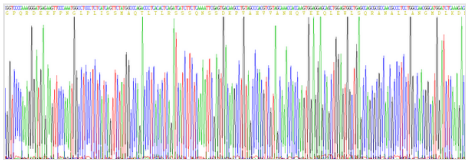
PRODUCT SYNONYMS

Tumor Necrosis Factor Alpha (TNFa); Eukaryotic Tumor Necrosis Factor Alpha (TNFa); DIF; TNF-A; TNFSF2; Cachectin; Tumor Necrosis Factor Ligand Superfamily Member 2; TNFa protein

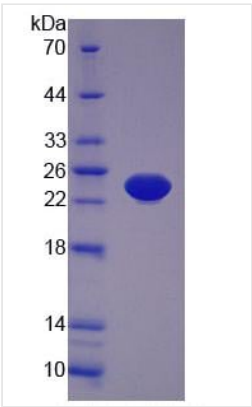
PRODUCT SPECIFICATIONS

Host	293F cell
Purity/Purification	> 90%
Form/Format	Freeze-dried powder
Sequence Length	233
Applicable Applications for TNFa protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Fragment	Gly57~Leu235
Tag	N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 5% Trehalose and Proclin300.
Source Note	Eukaryotic expression
Organism Species	Mouse
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	5
Subcellular Location	Membrane, Secreted
Usage	Reconstitute in PBS or others.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Application Data



SDS-PAGE

GPQR DEKFPNGLPL ISSMAQTLTL RSSSQNSSDK PVAHVVAHQ
VEEQLEWLSQ RANALLANGM DLKDNQLVVP ADGLYLVYSQ VLFKGQGCPCD
YVLLTHTVSR FAISVQEKVN LLSAVKSPCP KDTPEGAELK PWYEPYILGG
VFQLEKGDQL SAEVNLPKYL DFAESGQVYF GVIAL

Sequence

ADDITIONAL INFORMATION

Product Categories/Family for TNFa protein	Eukaryotic proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	25952111
NCBI GeneID	7124
NCBI Accession #	NP_000585.2
NCBI GenBank Nucleotide #	NM_000594.3
UniProt Accession #	P01375; O43647; Q9P1Q2; Q9UIV3
Molecular Weight	21.4kDa; 24kDa
NCBI Official Full Name	tumor necrosis factor
NCBI Official Synonym Full Names	tumor necrosis factor
NCBI Official Symbol	TNF
NCBI Official Synonym Symbols	DIF; TNFA; TNFSF2; TNLG1F; TNF-alpha
NCBI Protein Information	tumor necrosis factor
UniProt Protein Name	Tumor necrosis factor
UniProt Gene Name	TNF
UniProt Synonym Gene Names	TNFA; TNFSF2; TNF-a; NTF; ICD1; ICD2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.