

Tumor Necrosis Factor Alpha (TNFa) Recombinant Protein | TNFa recombinant protein

Recombinant Tumor Necrosis Factor Alpha (TNFa)

CATALOG # AAA148338	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 95%
Form/Format	Freeze-dried powder; PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Concentration	5000ug/mL (varies by lot)
Applicable Applications for TNFa recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Leu80~Leu235
Tags	N-terminal His Tag
Subcellular Location	Membrane, Secreted
Predicted isoelectric point	6.0
Preparation and Storage	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. Stability Test: 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

Sequence

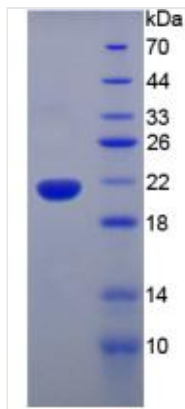
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VEEQLEWLSQ RANALLANGM DLKDNQLVVP L RSSSQNSSDK PVAHVVAHQ
YVLLTHTVSR FAISYQEKVN LLSAVKSPCP KDTPEGAELK PWYEPYVLGG
VFQLEKGDQL SAEVNLPKYL DFAESGQVYF GVIAL

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Application Data



SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for TNFα recombinant protein	Cytokine; Tumor immunity; Infection immunity
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NCBI AND UNIPROT INFORMATION

NCBI GI #	518831589
NCBI GeneID	21926
NCBI Accession #	NP_001265530.1
NCBI GenBank Nucleotide #	NM_001278601.1
UniProt Accession #	P06804; O35853; Q62326; Q91VF3
Molecular Weight	Predicted Molecular Mass: 20.5kDa Accurate Molecular Mass: 20kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	tumor necrosis factor isoform 2
NCBI Official Synonym Full Names	tumor necrosis factor
NCBI Official Symbol	Tnf
NCBI Official Synonym Symbols	DIF; Tnfa; TNF-a; TNFSF2; Tnlg1f; Tnfsf1a; TNFalpha; 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.

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 Online datasheet: <https://www.aaabiotech.com/tnf-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/148338>