

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

Recombinant Tumor Necrosis Factor Alpha (TNFa)

CATALOG # AAA134775	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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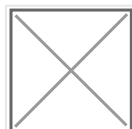
PRODUCT SYNONYMS

Tumor Necrosis Factor Alpha (TNFa); Recombinant Tumor Necrosis Factor Alpha (TNFa); TNFa recombinant protein

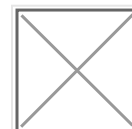
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 97%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithtwo N-terminal Tags,His-t agandT7-ta g,itsseque nceisliste dbelow. MGSSHHHHH HSSGLVPRGS HMASMTGGQQ MGRGSEF-LR SSSQTSKPV AHVVANVKAEGQLQWQSGYA NALLANGVKL KDNQLVVPTD GLYLIYSQVL FRGQGCSTN VFLTHTISRI AVSYQTKVNL LSAIKSPCQR ETPEGAEAKP WYEPYLGGV FQLEKDDRLS AEINLPDYLD FAESGQVYFG IIAL
Sequence Length	232
Applicable Applications for TNFa recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Sus scrofa; Porcine (Pig)
Expression System	Prokaryotic expression
Residues	Leu77~Leu232 (Accession # P23563) with two N-terminal Tags, His-tag and T7-tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
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. Stability Test: The thermal stability is described by the loss rate of the targetprotein. 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 andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Application Data



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	47522866
NCBI GeneID	397086
NCBI Accession #	NP_999187.1
NCBI GenBank Nucleotide #	NM_214022.1
UniProt Accession #	P23563; A5D9N8
Molecular Weight	20.9kDa
NCBI Official Full Name	tumor necrosis factor
NCBI Official Symbol	TNF
NCBI Official Synonym Symbols	TNFA
NCBI Protein Information	tumor necrosis factor; TNF-a; TNF-alpha; cachectin; tumor-necrosis factor; tumor necrosis factor alpha; tumor necrosis factor (TNF superfamily, member 2); tumor necrosis factor ligand superfamily member 2
UniProt Protein Name	Tumor necrosis factor
UniProt Gene Name	TNF
UniProt Synonym Gene Names	TNFA; TNFSF2; TNF-a; NTF; ICD1; ICD2
UniProt Entry Name	TNFA_PIG

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://stage.aaabiotech.com/tnf-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134775>