

Tumor Necrosis Factor Beta Recombinant Protein | TNFb recombinant protein

Recombinant Tumor Necrosis Factor Beta (TNFb)

CATALOG # AAA144063	HOST E. coli	REACTIVITY Rat	APPLICATIONS Western Blot, SDS-Page
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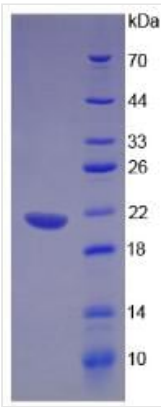
PRODUCT SYNONYMS

Tumor Necrosis Factor Beta; Recombinant Tumor Necrosis Factor Beta (TNFb); TNFb recombinant protein

PRODUCT SPECIFICATIONS

Host	E. coli
Reactivity	Rat
Purity/Purification	>95%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300
Concentration	Original Concentration: 200µg/mL (varies by lot)
Applicable Applications for TNFb recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Ser35~Ser191
Tags	N-terminal His-Tag
Tissue Specificity	Membrane, Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	10.1
Predicted Molecular Mass	21.0kDa
Accurate Molecular Mass	19kDa as determined by SDS-PAGE reducing conditions
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°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°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

SGVRFS ASRTAHQPPQ
KHLTHGLLKP AAHLVGYP SK QNSLLWRANT DRAFLRHGFS LNNNSLLIPT
SGLYFVYSQV VFGESCSPR AIPTIYLAH EVQLFSSQYP FHVPLLSAQK
SVYPGLQGPW VRSMYQGAVF LLSKGDQLST HTDGISHLHF S

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	339743
NCBI GeneID	4049
NCBI Official Full Name	tumor necrosis factor-beta
NCBI Official Synonym Full Names	lymphotoxin alpha
NCBI Official Symbol	LTA
NCBI Official Synonym Symbols	LT; TNFB; TNFSF1
NCBI Protein Information	lymphotoxin-alpha
UniProt Protein Name	Lymphotoxin-alpha
UniProt Gene Name	LTA
UniProt Synonym Gene Names	TNFB; TNFSF1; LT-alpha
UniProt Entry Name	TNFB_HUMAN

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/lta-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/144063>