

Tumor Necrosis Factor-beta Recombinant Protein | TNF b recombinant protein

Recombinant Human Tumor Necrosis Factor-beta, His Tag

CATALOG # AAA38231	HOST E Coli
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PRODUCT SYNONYMS

Tumor Necrosis Factor-beta; Recombinant Human Tumor Necrosis Factor-beta; His Tag; TNF b Human; His; Tumor Necrosis Factor-Beta Human Recombinant; Lymphotoxin-alpha; LT-alpha; TNF-beta; Tumor necrosis factor ligand superfamily member 1; LTA; LT; TNFB; TNFSF1; TNF b His; TNF b recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90% as determined by SDS-PAGE.
Form/Format	TNF-b protein solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 30% glycerol, 0.1M NaCl and 1mM DTT.
Sequence	MGSSHHH HHHSSGLVPR GSHMLP GVGLTPSAAQ TARQHPKMHL AHSTLKPAAH LIGDPSKQNS LLWRANTDRA FLQDGFSLN NSLLVPTSGI YFVYSQVVS GKAYSPKATS SPLYLAEVQ LFSSQYPFHV PLLSSQKMYV PGLQEPWLHS MYHGAAFQLT QGDQLSTHTD GIPHLVLSVS TVFFGAFAL
Sequence Length	205
Biological Activity	Measured in a cytotoxicity assay using L929 mouse fibrosarcoma cells in the presence of the metabolic inhibitor actinomycin D. The ED ₅₀ for this effect is <0.3 ng/ml.
Preparation and Storage	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for TNF b recombinant protein	Description: TNF-b Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 192 amino acids (35-205 a.a.) and having a molecular mass of 20.9kDa. TNF-b is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Product Categories/Family for TNF b recombinant protein	Cytokines and Growth Factors ; Cytokines ; Tumor Necrosis Factor

NCBI AND UNIPROT INFORMATION

NCBI GI #	6806893
NCBI GeneID	4049
NCBI Accession #	NP_000586.2
NCBI GenBank Nucleotide #	NM_000595.3
UniProt Accession #	P01374 ; Q8N4C3 ; Q9UKS8
NCBI Official Full Name	lymphotoxin-alpha
NCBI Official Synonym Full Names	lymphotoxin alpha
NCBI Official Symbol	LTA

NCBI Official Synonym Symbols	LT; TNFB; TNFSF1
NCBI Protein Information	lymphotoxin-alpha; LT-alpha; TNF superfamily, member 1; TNF-beta; tumor necrosis factor beta; tumor necrosis factor ligand superfamily member 1
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://www.aaabiotech.com/Ita-recombinant-protein-e-coli/38231>