

Tumor Necrosis Factor Beta (TNFb) Active Protein | TNFb active protein

Active Tumor Necrosis Factor Beta (TNFb)

CATALOG # AAA152996	HOST E coli	APPLICATIONS Activity Assay, Cell Culture
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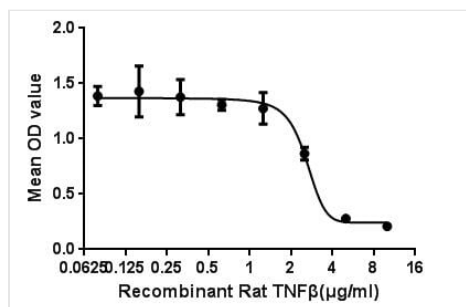
PRODUCT SYNONYMS

Tumor Necrosis Factor Beta (TNFb); Active Tumor Necrosis Factor Beta (TNFb); Tumor Necrosis Factor Beta; TNFb active protein (prokaryotic); Rat; LT; LTA; TNF-B; TNFSF1; Tumor Necrosis Factor Ligand Superfamily Member 1; Lymphotoxin Alpha; TNFb active protein

PRODUCT SPECIFICATIONS

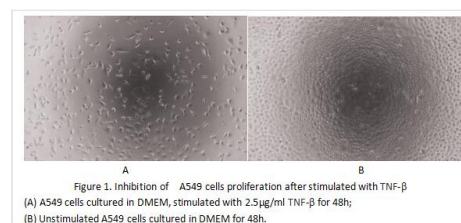
Host	E coli
Purity/Purification	Greater than 90% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Leu34~Leu202
Applicable Applications for TNFb active protein	Activity Assay, Cell Culture
Expression System	Prokaryotic expression
Species	Rat
Tag	N-terminal His
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	10.2
Research Area	Cytokine
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES



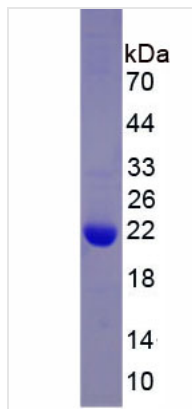
Bioactivity

Figure 2. Inhibition of A549 cells proliferation after stimulated with TNF-beta



Bioactivity

TNF-beta, a member of the tumor necrosis factor family, is a potent lymphoid factor that exerts cytotoxic effects on a wide range of tumor cells. The biological effects of TNF-beta are very similar to TNF-alpha, due to the similarity of molecular structure.



SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for TNFb active protein	Active proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	18158437
NCBI GeneID	25008
NCBI Accession #	NP_542947.1
NCBI GenBank Nucleotide #	NM_080769.2
UniProt Accession #	Q06332
Molecular Weight	22,112 Da
NCBI Official Full Name	lymphotoxin-alpha
NCBI Official Synonym Full Names	lymphotoxin alpha
NCBI Official Symbol	Lta
NCBI Official Synonym Symbols	Tnfb
NCBI Protein Information	lymphotoxin-alpha
UniProt Protein Name	Lymphotoxin-alpha
UniProt Gene Name	Lta
UniProt Synonym Gene Names	Tnfb; Tnfsf1; LT-alpha

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/e-coli-active-protein/tumor-necrosis-factor-beta-tnfb/152996>