

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

Active Tumor Necrosis Factor Beta (TNFb)

CATALOG # AAA152995	HOST E coli	APPLICATIONS Activity Assay, Cell Culture
-------------------------------	-----------------------	---

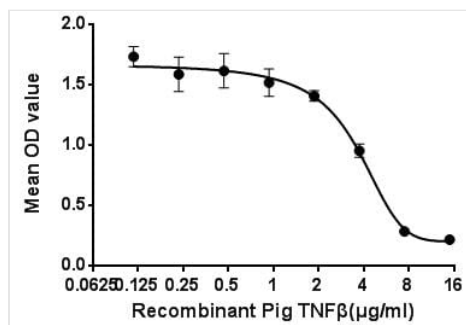
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

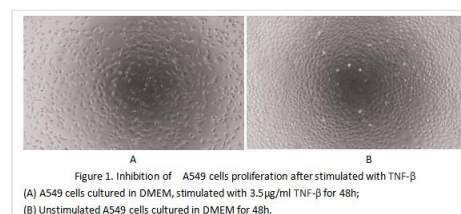
Host	E coli
Purity/Purification	Greater than 90% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Lys53~Phe172
Applicable Applications for TNFb active protein	Activity Assay, Cell Culture
Expression System	Prokaryotic expression
Species	Pig
Tag	N-terminal His
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	9.8
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



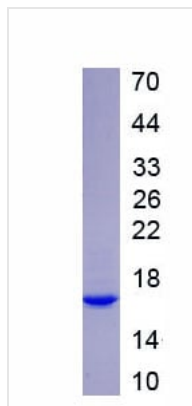
Bioactivity

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
---	-----------------

NCBI AND UNIPROT INFORMATION

NCBI GI #	2133
NCBI GeneID	407742
UniProt Accession #	P26445; A5D9N9
Molecular Weight	21,960 Da
NCBI Official Full Name	Tumour necrosis factor beta
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
UniProt Entry Name	TNFB_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/e-coli-active-protein/tumor-necrosis-factor-beta-tnfb/152995>