

Tumor Necrosis Factor Alpha (TNFa) Active Protein | TNFa active protein

Active Tumor Necrosis Factor Alpha (TNFa)

CATALOG # AAA152991	HOST E coli	APPLICATIONS Activity Assay, Cell Culture
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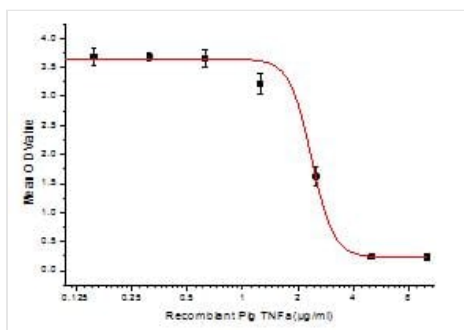
PRODUCT SYNONYMS

Tumor Necrosis Factor Alpha (TNFa); Active Tumor Necrosis Factor Alpha (TNFa); Tumor Necrosis Factor Alpha; TNFa active protein (prokaryotic); Pig; DIF; TNF-A; TNFSF2; Cachectin; Tumor Necrosis Factor Ligand Superfamily Member 2; TNFa active protein

PRODUCT SPECIFICATIONS

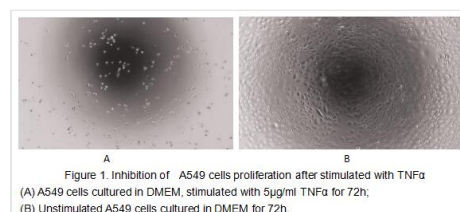
Host	E coli
Purity/Purification	Greater than 90% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Gly57~Leu232
Applicable Applications for TNFa active protein	Activity Assay, Cell Culture
Expression System	Prokaryotic expression
Species	Pig
Tag	N-terminal His
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	5.4
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



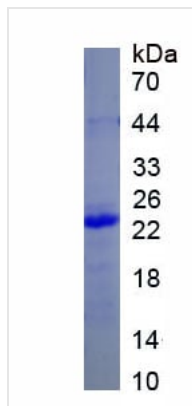
Bioactivity

Figure 2. Inhibition of A549 cells proliferation after stimulated with TNFalpha.



Bioactivity

Tumor necrosis factor (TNF, tumor necrosis factor alpha, TNFalpha, cachexin, or cachectin) is a cell signaling protein (cytokine) involved in systemic inflammation and is one of the cytokines that make up the acute phase reaction. The primary role of TNF



SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for TNFa active protein	Active proteins
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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	25,254 Da
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 (TNF superfamily, member 2); tumor necrosis factor alpha; tumor necrosis factor ligand superfamily member 2; tumor-necrosis factor
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.

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-alpha-tnfa/152991>