

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

Active Tumor Necrosis Factor Alpha (TNFa)

CATALOG # AAA152986	HOST E coli	APPLICATIONS Activity Assay, Cell Culture
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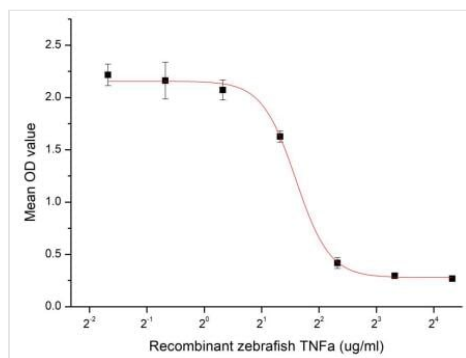
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

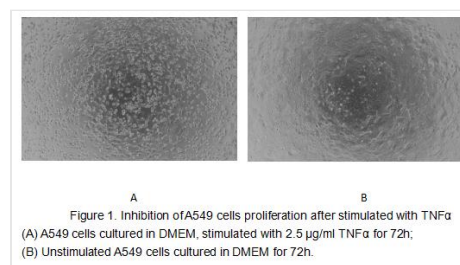
Host	E coli
Purity/Purification	Greater than 90% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Ala88~Leu234
Applicable Applications for TNFa active protein	Activity Assay, Cell Culture
Expression System	Prokaryotic expression
Species	Zebrafish
Tag	N-terminal His
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	4.5
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



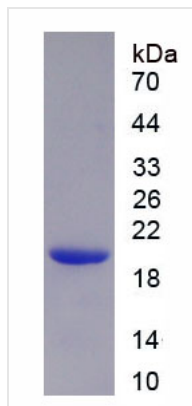
Bioactivity

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



Bioactivity

Tumor necrosis factor (TNF, tumor necrosis factor alpha, TNFalpha, cachectin, 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 #	115432019
NCBI GeneID	405785
NCBI Accession #	NP_998024.2
NCBI GenBank Nucleotide #	NM_212859.2
UniProt Accession #	Q08CQ3
Molecular Weight	Predicted MW: 20.1kDa Accurate MW: 20kDa
NCBI Official Full Name	tumor necrosis factor, alpha
NCBI Official Synonym Full Names	tumor necrosis factor a (TNF superfamily, member 2)
NCBI Official Symbol	tnfa
NCBI Protein Information	tumor necrosis factor, alpha
UniProt Protein Name	Tnfa protein
UniProt Gene Name	tnfa

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-alpha-tnfa/152986>