

Transforming Growth Factor Beta 1 (TGFb1) Active Protein | TGFb1 active protein

Active Transforming Growth Factor Beta 1 (TGFb1)

CATALOG # AAA152981	HOST E coli	APPLICATIONS Activity Assay, Cell Culture
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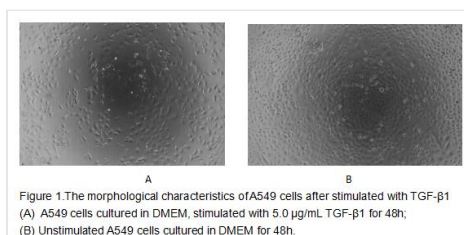
PRODUCT SYNONYMS

Transforming Growth Factor Beta 1 (TGFb1); Active Transforming Growth Factor Beta 1 (TGFb1); Transforming Growth Factor Beta 1; TGFb1 active protein (prokaryotic); Bovine; TGF-B1; CED; DPD1; LAP; Camurati-Engelmann Disease; Latency-associated peptide; TGFb1 active protein

PRODUCT SPECIFICATIONS

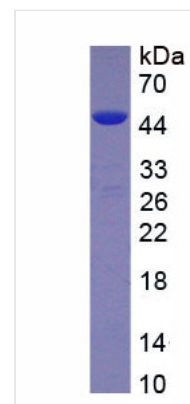
Host	E coli
Purity/Purification	Greater than 95% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Ala279~Ser390
Applicable Applications for TGFb1 active protein	Activity Assay, Cell Culture
Expression System	Prokaryotic expression
Species	Bovine
Tag	N-terminal His and GST
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	7.2
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

Transforming growth factor beta 1 (TGF-beta1) is a polypeptide member of the transforming growth factor beta superfamily of cytokines. It is a secreted protein that performs many cellular functions, including the control of cell growth, cell proliferation



SDS-PAGE

Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for TGFb1 active protein	Active proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	260655603
NCBI GeneID	282089
NCBI Accession #	NP_001159540.1
NCBI GenBank Nucleotide #	NM_001166068.1
UniProt Accession #	P18341; A5A3B8
Molecular Weight	44,409 Da
NCBI Official Full Name	transforming growth factor beta-1
NCBI Official Symbol	TGFB1
NCBI Protein Information	transforming growth factor beta-1; TGF-beta-1; transforming growth factor-beta 1; transforming growth factor, beta 1 (Camurati-Engelmann disease)
UniProt Protein Name	Transforming growth factor beta-1
UniProt Gene Name	TGFB1
UniProt Synonym Gene Names	TGF-beta-1; LAP
UniProt Entry Name	TGFB1_BOVIN

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/transforming-growth-factor-beta-1-tgfb1/152981>