

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

Active Transforming Growth Factor Beta 1 (TGFb1)

CATALOG # AAA152982	HOST E coli	APPLICATIONS Activity Assay, Cell Culture
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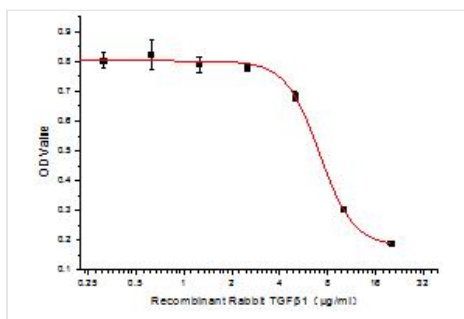
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

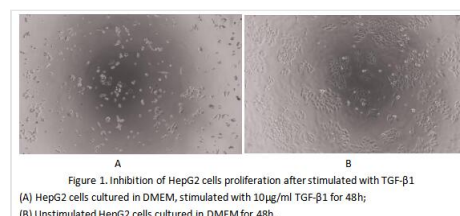
Host	E coli
Purity/Purification	Greater than 97% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Phe1~Glu99
Applicable Applications for TGFb1 active protein	Activity Assay, Cell Culture
Expression System	Prokaryotic expression
Species	Rabbit
Tag	N-terminal His
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	8.9
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



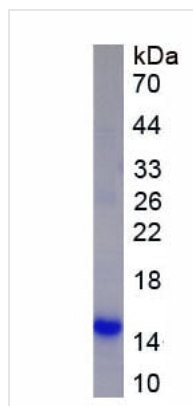
Bioactivity

Figure 2. Inhibition of HepG2 cells proliferation after stimulated with TGF-beta1.



Bioactivity

Transforming growth factor beta 1 or 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 #	122141961
UniProt Accession #	Q4LG86
Molecular Weight	11,285 Da
NCBI Official Full Name	Transforming growth factor beta-1
UniProt Protein Name	Transforming growth factor beta-1
UniProt Gene Name	TGF-beta-1

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-tgfb1/152982>