

Transforming Growth Factor Beta 2 Active Protein | TGFb2 active protein

Active Transforming Growth Factor Beta 2 (TGFb2)

CATALOG #
AAA150083

APPLICATIONS
Activity Assay, Cell Culture

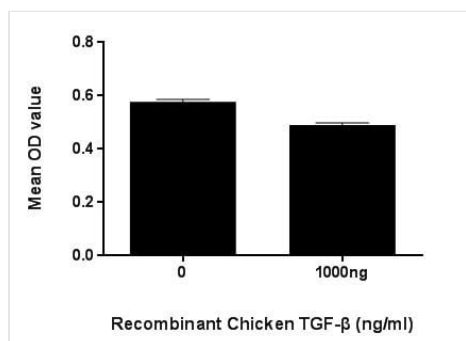
PRODUCT SYNONYMS

Transforming Growth Factor Beta 2; Active Transforming Growth Factor Beta 2 (TGFb2); TGF-B2; TGF-Beta2; G-TSF; LAP; Cetermin; Polyergin; Latency-associated peptide; BSC-1 cell growth inhibitor; Glioblastoma-derived T-cell suppressor factor; TGFb2 active protein

PRODUCT SPECIFICATIONS

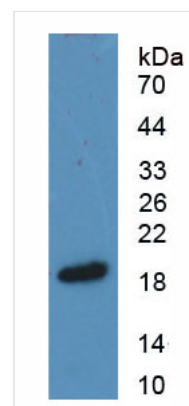
Purity/Purification	>90%
Form/Format	Freeze-dried powder 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Sequence Positions	Leu279~Ser412
Sequence Length	412
Applicable Applications for TGFb2 active protein	Activity Assay, Cell Culture
Species	Gallus
Tag	N-terminal His Tag
Subcellular Location	Secreted
Isoelectric Point	8.9
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Avoid repeated freeze/thaw cycles. Stability: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



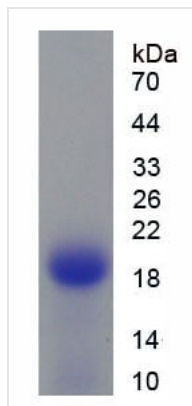
Application Data

Figure. TGF- inhibit cell proliferation of HepG2 cells.



WB (Western Blot)

Figure. Western Blot



SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for TGFb2 active protein	Cytokine; Infection immunity
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NCBI AND UNIPROT INFORMATION

NCBI GI #	267111
NCBI GeneID	421352
UniProt Accession #	P30371
Molecular Weight	Predicted Molecular Mass: 19.1kDa Accurate Molecular Mass: 19kDa
NCBI Official Full Name	Transforming growth factor beta-2 proprotein
NCBI Official Synonym Full Names	transforming growth factor beta 2
NCBI Official Symbol	TGFB2
NCBI Official Synonym Symbols	TGF-beta-2
NCBI Protein Information	transforming growth factor beta-2 proprotein
UniProt Protein Name	Transforming growth factor beta-2
UniProt Gene Name	TGFB2
UniProt Synonym Gene Names	TGF-beta-2; LAP

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/tgfb2-active-protein/transforming-growth-factor-beta-2/150083>