Transforming Growth Factor Beta 1 (TGFb1) Recombinant Protein | TGFb1 recombinant protein

Recombinant Transforming Growth Factor Beta 1 (TGFb1)

CATALOG #	HOST	APPLICATIONS
AAA151002	**E Coli**	**Western Blot, SDS-Page**

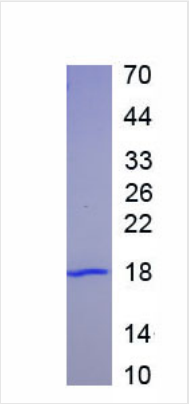
PRODUCT SYNONYMS

Transforming Growth Factor Beta 1 (TGFb1); Recombinant Transforming Growth Factor Beta 1 (TGFb1); TGFb1/Transforming Growth Factor Beta 1; TGF-B1; CED; DPD1; LAP; Camurati-Engelmann Disease; Latency-associated peptide; TGFb1 recombinant protein

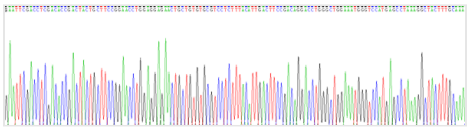
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90% by SDS-PAGE
Form/Format	Freeze-dried powder 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Sequence	Asp260~Ser 373
Applicable Applications for TGFb1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Tag	N-terminal His Tag
Expression System	Prokaryotic expression
Organism Species	Chicken
Isoelectric Point	7.1
Subcellular Location	Secreted, Extracellular matrix
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0mg/mL. Do not vortex.
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. The thermal stability is described by the loss rate. The loss rate was determinedby accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and noobvious degradation and precipitation were observed. The loss rate is less than 5% within theexpiration date under appropriate storage condition.

IMAGES



SDS-PAGE
SDS-PAGE



Sequence
Gene Sequencing (extract

ADDITIONAL INFORMATION

Product Categories/Family for TGFb1 recombinant protein	Cytokine; Tumor immunity; Infection immunity; Prokaryotic recombinant

NCBI AND UNIPROT INFORMATION

UniProt Accession #	P09531
Molecular Weight	Predicted Molecular Mass: 16.7kDa Accurate Molecular Mass: 18kDa
UniProt Protein Name	Transforming growth factor beta-1
UniProt Gene Name	**TGFB1**
UniProt Synonym Gene Names	TGF-beta-1; 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://www.aaabiotech.com/tgfb1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/151002