

Transforming Growth Factor Beta Induced Protein (TGFB β) Recombinant Protein | TGFB β recombinant protein

Recombinant Transforming Growth Factor Beta Induced Protein (TGFB β)

CATALOG # AAA135480	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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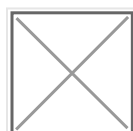
PRODUCT SYNONYMS

Transforming Growth Factor Beta Induced Protein (TGFB β); Recombinant Transforming Growth Factor Beta Induced Protein (TGFB β); TGFB β recombinant protein

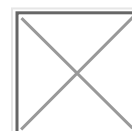
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithtwo N-terminal Tags,His-t agandT7-ta g,itssequ nceisliste dbelow. MGSSHHHHH HSSGLVPRGS HMASMTGGQQ MGRGSEF-GV PRIDAMKTL LLNHMVKEQL ASKYLYSGQT LDTLGGKKLR VFVYRNSLCI ENSCIAAHDK RGRFGTLFTM DRMLTPPMGT VMDVLKGDNR FSMLVAAIQS AGLMEILNRE GVYTVFAPT N EAFQAMPPEE LNKLLANAKE LTNILKYHIG DEILVSGGIG ALVRLKSLQG DKLEVSSKNN VSVNKEPVA ETDIMATNGV VYAINTVL
Sequence Length	683
Applicable Applications for TGFB β recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Mus musculus (Mouse)
Expression System	Prokaryotic expression
Residues	Gly423~Leu632 (Accession # P82198) with two N-terminal Tags, His-tag and T7-tag
Subcellular Location	Secreted, extracellular space, extracellular matrix
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Predicted Isoelectric Point	8.8
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. 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 andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	6678321
NCBI GeneID	21810
NCBI Accession #	NP_033395.1
NCBI GenBank Nucleotide #	NM_009369.4
UniProt Accession #	P82198; Q3U9R1
Molecular Weight	26.9kDa
NCBI Official Full Name	transforming growth factor-beta-induced protein ig-h3
NCBI Official Synonym Full Names	transforming growth factor, beta induced
NCBI Official Symbol	Tgfb1
NCBI Official Synonym Symbols	68kDa; big-h3; Beta-ig; AI181842; AI747162
NCBI Protein Information	transforming growth factor-beta-induced protein ig-h3; beta ig-h3; transforming growth factor, beta induced, 68 kDa
UniProt Protein Name	Transforming growth factor-beta-induced protein ig-h3
UniProt Gene Name	Tgfb1
UniProt Synonym Gene Names	Beta ig-h3
UniProt Entry Name	BGH3_MOUSE

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/tgfb1-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/135480>