

Transforming Growth Factor Beta Induced Recombinant Protein | TGFBI recombinant protein

Recombinant Human Transforming Growth Factor Beta Induced

CATALOG # AAA38517	HOST E Coli
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PRODUCT SYNONYMS

Transforming Growth Factor Beta Induced; Recombinant Human Transforming Growth Factor Beta Induced; TGFBI Human; Transforming Growth Factor Beta Induced Human Recombinant; Transforming growth factor-beta-induced protein ig-h3; Beta ig-h3; Kerato-epithelin; RGD-containing collagen-associated protein; RGD-CAP; TGFBI; BIGH3; CSD; CDB1; CDG2; CSD1; CSD2; CSD3; EBMD; LCD1; CDGG1; TGFBI recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Form/Format	The TGFBI recombinant Human is formulated 20mM Tris pH-8. Sterile filtered liquid formulation.
Sequence	MGTVM DV LKG DNRFSMLVAA IQSAGLTETL NREGVYTVFA PTNEAFRALP PRERSRL LGD AKELANILKY HIGDEILVSG GIGALVRLKS LQGD KLEVSL KNNVSVNKE PVAEPDIMAT NGVVHVITNV LQPPA
Sequence Length	683
Preparation and Storage	Transforming Growth Factor Beta Induced protein Recombinant Human although stable at 4 degree C for 30 days, should be stored below -20 degree C for periods greater than 30 days. Please avoid Freeze/Thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for TGFBI recombinant protein	Description: TGFBI Human Recombinant (fourth FAS domain) produced in E Coli is a single, non-glycosylated, polypeptide containing 135 amino acids (502-636) and having a molecular mass of 14.5 kDa. The TGFBI recombinant Human protein is purified by proprietary chromatographic techniques. Introduction: Transforming Growth Factor Beta Induced protein also known as TGFBI is an extracellular matrix protein induced by transforming growth factor (TGF)-beta 1. TGFBI protein is involved in cell growth, cell differentiation, wound healing and cell adhesion. In addition, some missense mutations of TGFBI were identified in families affected with human autosomal dominant corneal dystrophies. TGFBI gene encodes for a 683 amino-acid protein containing an RGD motif and four internal repeated domains which have highly conserved sequences founded in several species (Fasciclin domain).
Product Categories/Family for TGFBI recombinant protein	Recombinant & Natural Proteins; Recombinant Proteins; Transforming Growth Factor Beta Induced

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507467
NCBI GeneID	7045
NCBI Accession #	NP_000349.1
NCBI GenBank Nucleotide #	NM_000358.2
UniProt Accession #	Q15582; O14471; O14472; O14476; O43216; O43217; O43218; O43219; Q53XM1; D3DQB1

Molecular Weight	74,681 Da
NCBI Official Full Name	transforming growth factor-beta-induced protein ig-h3
NCBI Official Synonym Full Names	transforming growth factor, beta-induced, 68kDa
NCBI Official Symbol	TGFBI
NCBI Official Synonym Symbols	CSD; CDB1; CDG2; CSD1; CSD2; CSD3; EBMD; LCD1; BIGH3; CDGG1
NCBI Protein Information	transforming growth factor-beta-induced protein ig-h3; RGD-CAP; RGD-containing collagen-associated protein; beta ig-h3; kerato-epithelin; transforming growth factor, beta-induced, 68kD
UniProt Protein Name	Transforming growth factor-beta-induced protein ig-h3
UniProt Gene Name	TGFBI
UniProt Synonym Gene Names	BIGH3; Beta ig-h3; RGD-CAP
UniProt Entry Name	BGH3_HUMAN

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/tgfb-recombinant-protein-e-coli/38517>