

Recombinant Human Transforming Growth Factor, Beta-Induced, 68kDa

Cat. No. TGFBI-637H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human TGFBI was expressed in E. coli and purified by using conventional chromatography techniques.
Species	Human
Source	Human
Description	Transforming growth factor, beta-induced, 68kDa, also known as TGFBI (initially called BIGH3, BIG-H3), is a protein which in humans is encoded by the TGFBI gene.
Concentration	1 mg/ml
Form	Supplied as a liquid in 20mM Tris, pH 8.0.
Purity	> 95% by SDS - PAGE
Sequence	Fasciclin domain 4502-636 amino acids: MGTVM DV LKG DNRFSMLVAA IQSAGLTETL NREGVYTVFA PTNEAFRALP PRERSRL LGD AKELANILKY HIGDEILVSG GIGALVRLKS LQGDKLEVSL KNNVSVNKE PVAEPDIMAT NGVVHVITNV LQPPA
Molecular Mass	14.5 kDa (135 aa), confirmed by MALDI-TOF.
Applications	SDS-PAGE

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Storage

Store at 4 deg C for short term storage (1/2 weeks). Aliquot and store at -20 deg C or - 70 deg C for long term storage. Avoid repeated freeze/thaw cycles.

GENE INFORMATION

Gene Name [TGFB1 transforming growth factor, beta-induced, 68kDa \[Homo sapiens \]](#)

Official Symbol TGFB1

Synonyms

TGFB1; BIGH3; CDB1; CDG2; CDGG1; CSD; CSD1; CSD2; CSD3; EBMD; LCD1; kerato-epithelin; RGD-containing collagen-associated protein; RGD-CAP; Beta ig-h3; transforming growth factor, beta-induced, 68kDa; OTTHUMP00000223339

Gene ID [7045](#)

mRNA Refseq [NM_000358](#)

Protein Refseq [NP_000349](#)

MIM [601692](#)

UniProt ID Q15582

Chromosome Location 5q31

Pathway Amyloids

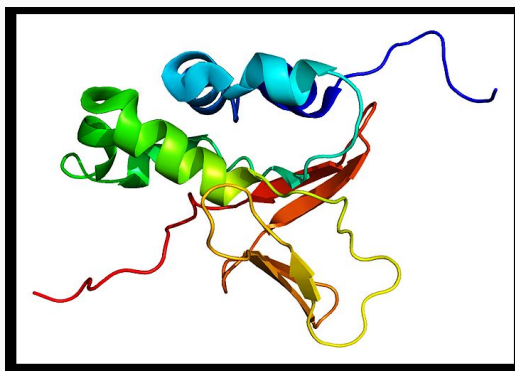
Function integrin binding; extracellular matrix binding

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PDBrendering based
on 1x3b.



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