

Recombinant Human TGFBI Protein, MYC/DDK-tagged

Cat. No. TGFBI-704H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human TGFBI protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes an RGD-containing protein that binds to type I, II and IV collagens. The RGD motif is found in many extracellular matrix proteins modulating cell adhesion and serves as a ligand recognition sequence for several integrins. This protein plays a role in cell-collagen interactions and may be involved in endochondrial bone formation in cartilage. The protein is induced by transforming growth factor-beta and acts to inhibit cell adhesion. Mutations in this gene are associated with multiple types of corneal dystrophy. [provided by RefSeq, Jul 2008].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	72.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	transforming growth factor beta induced[Homo sapiens]
Official Symbol	TGFB1
Synonyms	BIGH3; CDB1; CDG2; CDGG1; CSD; CSD1; CSD2; CSD3; EBMD; LCD1
Gene ID	7045
mRNA Refseq	NM_000358.2
Protein Refseq	NP_000349.1
UniProt ID	Q15582

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