

## Recombinant Human TGFBI Protein, MYC/DDK-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant human TGFBI protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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].
<b>Form</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
<b>Molecular Mass</b>	72.4 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

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

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