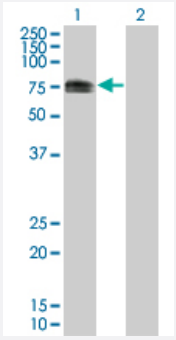
TGFBI 293T Cell Transient Overexpression Lysate(Denatured)

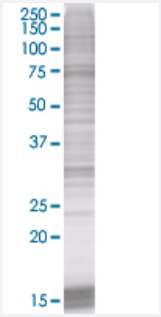
Catalog # H00007045-T01 Size 100 uL

Applications



Western Blot

Lane 1: TGFBI transfected lysate (75.13 KDa)
Lane 2: Non-transfected lysate.



SDS-PAGE Gel

TGFBI transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-TGFBI full-length
Host	Human
Theoretical MW (kDa)	75.24
Interspecies Antigen Sequence	Mouse (91); Rat (90)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-TGFBI antibody (H00007045-B01) by Western Blots. Western Blot Lane 1: TGFBI transfected lysate (75.13 KDa) Lane 2: Non-transfected lysate. SDS-PAGE Gel TGFBI transfected lysate.
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — TGFBI

Entrez GeneID	7045
GeneBank Accession#	BC000097
Protein Accession#	AAH00097
Gene Name	TGFBI
Gene Alias	BIGH3, CDB1, CDG2, CDGG1, CSD, CSD1, CSD2, CSD3, EBMD, LCD1
Gene Description	transforming growth factor, beta-induced, 68kDa
Omim ID	121820 121900 122200 601692 602082 607541 608470 608471
Gene Ontology	Hyperlink
Gene Summary	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
Other Designations	RGD-containing collagen-associated protein|kerato-epithelin

Disease

- Cardiovascular Diseases
- Corneal Dystrophies
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease