



Human TGFB1 blocking peptide (CDBP2961)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-TGFB1 antibody
Antigen 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]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	TGFB1 transforming growth factor, beta-induced, 68kDa [Homo sapiens]
Official Symbol	TGFB1
Synonyms	TGFB1; transforming growth factor, beta-induced, 68kDa; CSD1, CSD2, CSD3, LCD1, transforming growth factor, beta induced, 68kD; transforming growth factor-beta-induced

protein ig-h3; BIGH3; CDB1; CDGG1; RGD-CAP; beta ig-h3; kerato-epithelin; RGD-containing collagen-associated protein; CSD; CDG2; CSD1; CSD2; CSD3; EBMD; LCD1;

Entrez Gene ID	7045
mRNA Refseq	NM_000358
Protein Refseq	NP_000349
UniProt ID	Q15582
Chromosome Location	5q31
Pathway	Amyloids, organism-specific biosystem; Disease, organism-specific biosystem;
Function	extracellular matrix binding; integrin binding;