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Product datasheet for SA6045

TGFBI / BIGH3 (Fasciclin domain 4) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	TGFBI / BIGH3 (Fasciclin domain 4) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGTVMDVLKG DNRFSMLVAA IQSAGLTETL NREGVYTVFA PTNEAFRALP PRERSRLLGD AKELANILKY HIGDEILVSG GIGALVRLKS LQGDKLEVSL KNNVVSVNKE PVAEPDIMAT NGVVHVITNV LQPPA
Predicted MW:	14 kDa
Concentration:	lot specific
Purity:	>95% by SDS-PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris, pH 8.0
Preparation:	Liquid purified protein
Protein Description:	Recombinant human BIGH3 protein (fourth FAS domain) was expressed in E. coli and purified by using conventional chromatography techniques.
Storage:	Store (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_000349
Locus ID:	7045
UniProt ID:	Q15582, A0A0S2Z4Q2
Cytogenetics:	5q31.1
Synonyms:	BIGH3; CDB1; CDG2; CDGG1; CSD; CSD1; CSD2; CSD3; EBMD; LCD1

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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, Jul 2008]

Protein Families: Druggable Genome, Secreted Protein, Transmembrane

Product images: