9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-5065: Recombinant Human Transforming Growth Factor Beta Induced

Alternative Name : Transforming growth factor-beta-induced protein ig-h3,Beta ig-h3,Kerato-epithelin,RGD-containing collagen-associated protein,RGD-CAP,TGFBI,BIGH3,CSD,CDB1,CDG2,CSD1,CSD2,CSD3,EBMD,LCD1,CDGG1.

Description

Source : Escherichia Coli. TGFBI Human Recombinant (fourth FAS domain) produced in e.Coli is a single, non-glycosylated, polypeptide containing 135 amino acids (502-636) and having a molecular mass of 14.5 kDa. The TGFBI recombinant Human protein is purified by proprietary chromatographic techniques. Transforming Growth Factor Beta Induced protein also known as TGFBI is an extracellular matrix protein induced by transforming growth factor (TGF)-beta 1. TGFBI protein is involved in cell growth, cell differentiation, wound healing and cell adhesion. In addition, some missense mutations of TGFBI were identified in families affected with human autosomal dominant corneal dystrophies. TGFBI gene encodes for a 683 amino-acid protein containing an RGD motif and four internal repeated domains which have highly conserved sequences founded in several species (Fasciclin domain).

Product Info

Amount :	20 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	The TGFBI recombinant Human is formulated 20mM Tris-HCl pH-8.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGTVMDVLKG DNRFSMLVAA IQSAGLTETL NREGVYTVFA PTNEAFRALP PRERSRLLGD AKELANILKY HIGDEILVSG GIGALVRLKS LQGDKLEVSL KNNVVSVNKE PVAEPDIMAT NGVVHVITNV LQPPA.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.