

32-5066: Recombinant Human Transforming Growth Factor Beta Induced 182 a.a.

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 Recombinant Human produced in e.Coli is a single, non-glycosylated, polypeptide containing 182 amino acids (502-683) and having a molecular mass of 19.9 kDa (Molecular weight on SDS-PAGE will appear higher). The TGFBI recombinant Human protein is purified by proprietary chromatographic techniques. 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 : 50 µg
Purification : Greater than 95.0% as determined by SDS-PAGE.
Content : The TGFBI 182 a.a. recombinant Human is formulated in 20mM Tris-HCl pH-8, 1mM EDTA, 0.1mM PMSF and 20% glycerol.
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 : MGTVM DV LKG DNRFSMLVAA IQSAGLTETL NREGVYTVFA PTNEAFRALP PRERSRL LGD AKELANILKY HIGDEILVSG GIGALVRLKS LQGDKLEVSL KNNVSVNKE PVAEPDIMAT NGVVHVITNV LQPPANRPQE RGDELADSAL EIFKQASAFS RASQRSVRLA PVYQKLLERM KH.

