

Datasheet for ABIN666732  
**TGFBI Protein (AA 502-683)**



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## Overview

Quantity:	100 µg
Target:	TGFBI
Protein Characteristics:	AA 502-683
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

## Product Details

Characteristics:	BIGH3, 502-683 aa, Human, Recombinant, E.coli
Purity:	> 95 % by SDS - PAGE

## Target Details

Target:	TGFBI
Alternative Name:	BIGH3 ( <a href="#">TGFBI Products</a> )
Background:	BIGH3, also known as TGFBI and Beta ig-h3, is an extracellular matrix protein induced by transforming growth factor(TGF)-beta 1. BIGH3 protein is involved in cell growth, cell differentiation, wound healing and cell adhesion. In addition, some missense mutations of BIGH3 were identified in families affected with human autosomal dominant corneal dystrophies. BIGH3 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

## Target Details

species (Fasciclin domain). Recombinant human BIGH3 protein was expressed in E. coli and purified by using conventional chromatography techniques. Synonyms: Beta ig-h3, TGFBI, Kerato-epithelin, RGD-CAP, Transforming growth factor-beta-induced protein ig-h3 RGD containing collagen associated protein, Beta ig h3, AI747162, CSD3, Kerato epithelin, LCD1, MGC150270, RGD CAP, TGFBI transforming growth factor, beta induced, 68kDa, AI181842, Beta ig, Big h3, BIGH3, CDB1, CDG2, CDGG1, CSD, CSD1, CSD2, EBMD, Transforming growth factor beta induced protein ig h3. NCBI no.: NP\_000349

**Molecular Weight:** 19.9 kDa (182 aa), confirmed by MALDI-TOF. (Molecular weight on SDS-PAGE will appear higher)

## Application Details

**Restrictions:** For Research Use only

## Handling

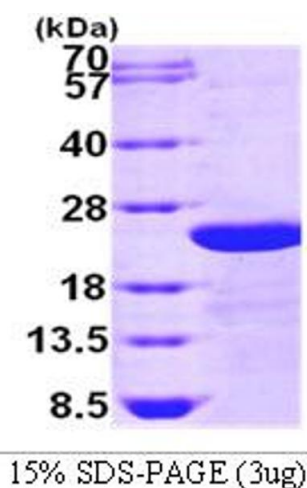
**Format:** Liquid

**Concentration:** 0.5 mg/ml (determined by Bradford assay)

**Buffer:** Liquid. In 20 mM Tris-HCl (pH 8.0) containing 1 mM EDTA 0.1 mM PMSF, 20% Glycerol

**Storage:** 4 °C

## Images



### SDS-PAGE

Image 1.