Recombinant Human Beta ig-h3/BIGH3/TGFBI Protein

Catalog No.: RP03235

Sequence Information

Species
Human

Gene ID
7045

Swiss Prot
Q15582

Tags
C-His

Synonyms
TGFBI; BIGH3; Beta ig-h3; Transforming growth factor-beta-induced protein ig-h3; CDB1; CDG2; CDGG1; CSD; EBMD; LCD1

Product Information

Source
HEK293 cells

Purification
≥ 75 % as determined by SDS-PAGE.

Calculated MW
74 kDa

Observed MW
65 kDa

Endotoxin
< 1 EU/μg of the protein by LAL method.

Formulation
Lyophilized from a sodium citrate buffer system at pH 6.0. Contact us for customized product form or formulation.

Reconstitution
Please contact us for reconstitution instructions.

Background

TGFBI is 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. TGFBI plays a role in cell-collagen interactions and may be involved in endochondral bone formation in cartilage. TGFBI is induced by transforming growth factor-beta and acts to inhibit cell adhesion. Mutations in TGFBI are associated with multiple types of corneal dystrophy. TGFBI can bind to type I, II, and IV collagens. This adhesion protein may play an important role in cell-collagen interactions.

Basic Information

Description
Recombinant Human Beta ig-h3/BIGH3/TGFBI Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Met1-His683) of human Beta ig-h3/BIGH3/TGFBI (Accession #NP_000349.1) fused with His tag at the C-terminus.

Activity

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃

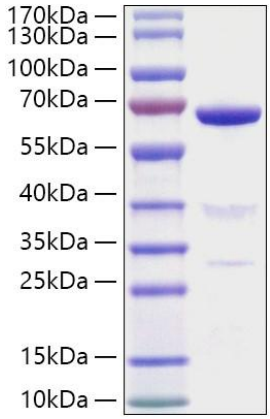
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

400-999-6126
cn.market@abclonal.com.cn
www.abclonal.com.cn

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Validation Data



Recombinant Human Beta ig-h3/BIGH3/TGFBI Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.

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