

Recombinant Human IGFBP7 protein (His tag)
ab219698

1 Image

| Description | |
|---------------------------------|--|
| Product name | Recombinant Human IGFBP7 protein (His tag) |
| Purity | > 95 % SDS-PAGE. |
| Endotoxin level | < 1.000 Eu/µg |
| Expression system | HEK 293 cells |
| Accession | <u>Q16270</u> |
| Protein length | Protein fragment |
| Animal free | No |
| Nature | Recombinant |
| Species | Human |
| Sequence | DTCGPCEPASCPLPPLGCLLGETRDACGCCPMCARGE GEPCGGGGAGRG YCAPGMECVKSRKRRKGKAGAAAGGPGVSGVCVCKSR YPVCGSDGTTYP GCQLRAASQRAESRGEKAITQVSKGTCEQGPSVTPPKDI WNVGTGAQVYL SCEVIGIPTVLWNKVKRGHYGVQRTELLPGDRDNLAIQT RGGPEKHEV TGWVLVSPLSKEDAGEYECHASNSQGQASASAKITVVDA LHEIPVKKGEG AEL |
| Predicted molecular weight | 27 kDa including tags |
| Amino acids | 30 to 282 |
| Tags | His tag N-Terminus |
| Additional sequence information | Accession # NP_001544 |

| Specifications | |
|--|----------|
| Our Abpromise guarantee covers the use of ab219698 in the following tested applications. | |
| The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user. | |
| Applications | SDS-PAGE |

Form Lyophilized

Preparation and Storage

Stability and Storage Shipped at 4°C. Store at 4°C (stable for up to 12 months). Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 7.40

Constituents: 97% PBS, 3% Trehalose

Lyophilized from 0.22 µm filtered solution.

Note: 5-10% trehalose is commonly used for freeze drying, and after reconstitution, the trehalose is mostly about 3-5%.

Reconstitution Reconstitute with sterile deionized water to a concentration of 400 µg/ml.

General Info

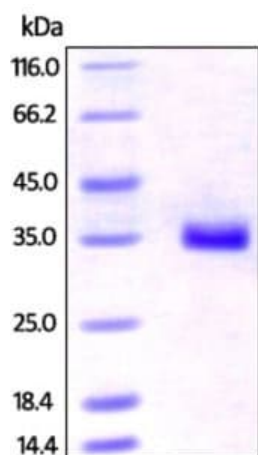
Function Binds IGF-I and IGF-II with a relatively low affinity. Stimulates prostacyclin (PGI₂) production. Stimulates cell adhesion.

Sequence similarities Contains 1 Ig-like C2-type (immunoglobulin-like) domain.
Contains 1 IGFBP N-terminal domain.
Contains 1 Kazal-like domain.

Post-translational modifications N-glycosylated.

Cellular localization Secreted.

Images



SDS-PAGE analysis of reduced ab219698 stained overnight with Coomassie Blue.

SDS-PAGE - Recombinant Human IGFBP7 protein
(His tag) (ab219698)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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