

Recombinant Human IGFBP-7 Protein

Catalog No.: RP02738

Sequence Information

Species **Gene ID**
Human 3490

Swiss Prot **Tags**
Q16270 N-His

Synonyms

IGFBP-7; IBP7; AGM; FSTL2;
IGFBP-7v; IGFBPRP1; MAC25; PSF;
RAMSVPS; TAF ;IGFBP7;igfbp7

Product Information

Source **Purification**
HEK293 cells ≥ 90% as
 determined by
 SDS-PAGE.

Calculated MW **Observed MW**
27.02 kDa 35-40 kDa

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

Formulation

Lyophilized from a 0.22 μm filtered
solution of PBS, pH 7.4.

Reconstitution

Centrifuge the vial before opening.
Reconstitute to a concentration of
0.1-0.5 mg/mL in sterile distilled
water. Avoid vortex or vigorously
pipetting the protein. For long
term storage, it is recommended
to add a carrier protein or stabilizer
(e.g. 0.1% BSA, 5% HSA, 10% FBS
or 5% Trehalose), and aliquot the
reconstituted protein solution to
minimize free-thaw cycles.

Background

IGFBP-7, also known as Mac25/Angiomodulin (AGM), GFBP-rp1, tumor-derived adhesion factor (TAF) and prostacyclin-stimulating factor (PSF), is a secreted protein that contains three protein domain modules. Human IGFBP-rp1 cDNA encodes 282 amino acid (aa) residue precursor protein with a putative 26 aa signal peptide. IGFBP-7 binds IGF-I and IGF-II with a relatively low affinity. Stimulates prostacyclin (PGI₂) production. Stimulates cell adhesion.

Basic Information

Description

Recombinant Human IGFBP-7 Protein Protein is expressed from Expi293 with His tag at the N-terminal.; It contains Asp30-Leu282

Activity

Measured by its binding ability in a functional ELISA. Immobilized human IGFBP7 (Catalog: RP02738) at 2 μg/mL (100 μL/well) can bind human CD93 (Catalog: RP00164) with a linear range of 0.17-290.4 ng/mL.

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°C

Operational Notes

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

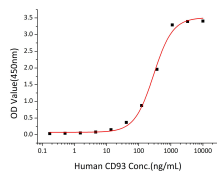
Contact

☎ | 400-999-6126

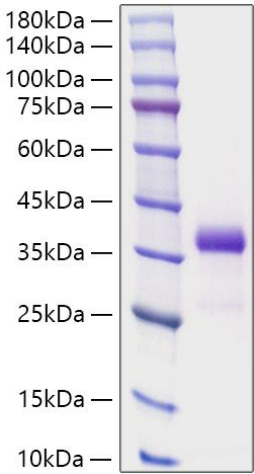
✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

Validation Data



Immobilized human IGFBP7 (Catalog: RP02738) at 2 µg/mL (100 µL/well) can bind human CD93 (Catalog: RP00164) with a linear range of 0.17–290.4 ng/mL.



Recombinant Human IGFBP-7 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.