

Recombinant Human IGFBP-7 Protein

Catalog No.: RP02738 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	3490	Q16270

Tags

N-His

Synonyms

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

Product Information

Source	Purification
HEK293 cells	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC

Endotoxin

Less than 1EU per µg by the 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

Bio-Activity

Storage

Store the lyophilized protein at -20°C to -80°C for long term.
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.
Avoid repeated freeze/thaw cycles.

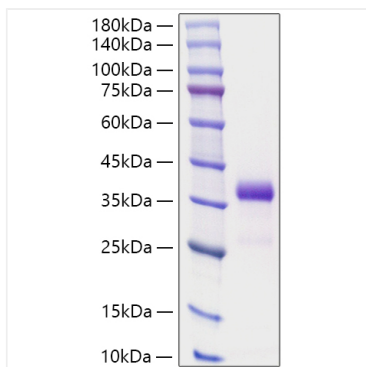
Contact

☎ | 400-999-6126

✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

Validation Data



Recombinant Human IGFBP-7 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 35-45 kDa.