

Active Recombinant Human IGFBP7 protein, Fc-Avi-tagged, Biotinylated

Cat. No. IGFBP7-1605H **Lot. No.** (See product label)

SPECIFICATION

| | |
|-------------------------|---|
| Product Overview | Biotinylated Recombinant Human IGFBP7 protein(Asp30-Leu282), fused with Avi and Fc tag, was expressed in HEK293. |
| Species | Human |
| Source | HEK293 |
| ProteinLength | 30-282 a.a. |
| Form | Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. |
| Bio-activity | Immobilized Human C1q R1, His Tag at 5 µg/mL (100 µL/well) can bind Biotinylated Human IGFBP-7, Fc,Avitag with a linear range of 0.6-20 ng/mL. |
| Molecular Mass | This protein carries a human IgG1 Fc tag at the C-terminus, followed by an Avi tag (Avitag™).The protein has a calculated MW of 54.3 kDa. The protein migrates as 65-70 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation. |
| Proteinlength | Asp30-Leu282 |
| Endotoxin | Less than 1.0 EU per µg by the LAL method. |
| Purity | >95% as determined by SDS-PAGE.>90% as determined by SEC-MALS. |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

Conjugation Biotin

GENE INFORMATION

Gene Name [IGFBP7 insulin-like growth factor binding protein 7 \[Homo sapiens \]](#)

Official Symbol [IGFBP7](#)

Synonyms IGFBP7; insulin-like growth factor binding protein 7; insulin-like growth factor-binding protein 7; FSTL2; IGFBP 7; MAC25; PSF; IGFBP-rP1; angiomodulin; IGF-binding protein 7; PGI2-stimulating factor; tumor-derived adhesion factor; prostacyclin-stimulating factor; AGM; TAF; IBP-7; IGFBP-7; RAMSVPS; IGFBP-7v; IGFBPRP1;

Gene ID [3490](#)

mRNA Refseq [NM_001253835](#)

Protein Refseq [NP_001240764](#)

MIM [602867](#)

UniProt ID [Q16270](#)

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