

## Recombinant Human IGFBP7 protein

Cat. No. IGFBP7-55H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human IGFBP7 protein(Q16270)(27-282 aa) was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E. coli
<b>ProteinLength</b>	27-282 aa
<b>Form</b>	Lyophilized from a 0.2 µm filtered concentrated solution in 20 mM Tris-HCl, pH 8.6, 150 mM NaCl.
<b>Molecular Mass</b>	Approximately 26.4 kDa, a single non-glycosylated polypeptide chain containing 256 amino acids.
<b>AASequence</b>	SSSDTCGPCE PASCPLPPL GCLLGETRDA CGCCPMCARG EGEPGGGGGA GRGYCAPGME CVKSRKRRKG KAGAAAGGPG VSGVCVCKSR YPVCSDGTT YPSGCQLRAA SQRAESRGEK AITQVSKGTC EQGPSIVTPP KDIWNVTGAQ VYLSCEVIGI PTPVLIWNKV KRGHYGVQRT ELLPGDRDNL AIQTRGGPEK HEVTGWLVLS PLSKEDAGEY ECHASNSQGQ ASASAKITVV DALHEIPVKK GEGAEL
<b>Endotoxin</b>	Less than 0.1 EU/µg of rHuIGF-BP7 as determined by LAL method.
<b>Purity</b>	> 95 % by SDS-PAGE and HPLC analyses.

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

**Storage**

Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 12 months from date of receipt, -20 to -70 °C as supplied. - 1 month, 2 to 8 °C under sterile conditions after reconstitution. - 3 months, -20 to -70 °C under sterile conditions after reconstitution.

**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.

## 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**

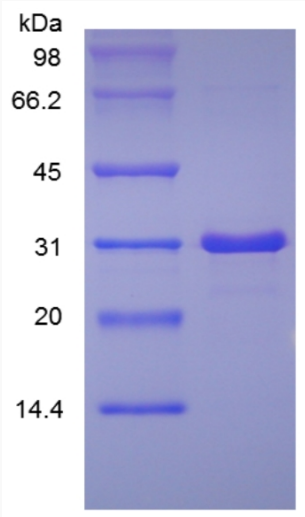
[Q16270](#)

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

**SDS-PAGE**



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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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