

Recombinant Human IGFBP7 protein

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

SPECIFICATION

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

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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

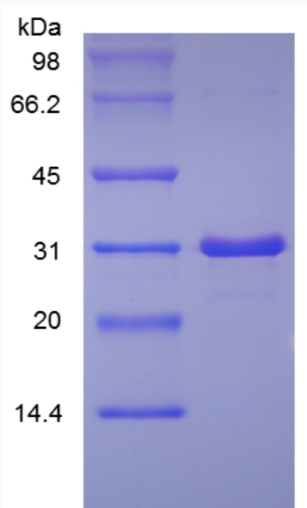
UniProt ID Q16270

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SDS-PAGE



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