

Active Recombinant Human IGFBP7 protein, N-His-tagged

Cat. No. IGFBP7-6957H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human IGFBP7 protein(Q16270) (Asp 30-Leu 282) was expressed in HEK293, fused with a polyhistidine tag at the N-terminus.
Species	Human
Source	HEK293
ProteinLength	30-282 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	1. Measured by its ability to bind biotinylated recombinant human CCL21 in a functional ELISA. 2. Measured by its ability to bind biotinylated recombinant human VEGF165 in a functional ELISA. 3. Measured by its ability to bind biotinylated recombinant human IGF2 in a functional ELISA.
Molecular Mass	The secreted recombinant human IGFBP7 comprises 273 amino acids and has a predicted molecular mass of 28.6 kDa. The apparent molecular mass of rhIGFBP7 is approximately 36 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 92 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to

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aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

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.

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](#)

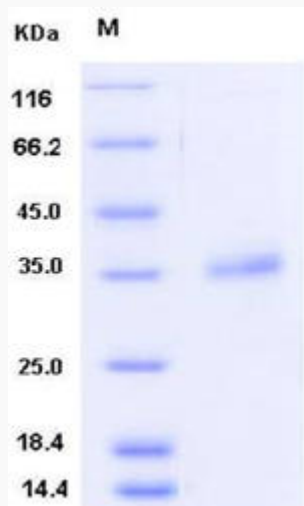
MIM [602867](#)

UniProt ID [Q16270](#)

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SDS-PAGE

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