Active Recombinant Human IGFBP7 protein, His-tagged, Low Endotoxin

Cat. No. IGFBP7-6958H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IGFBP7 protein(Q16270)(Ser27-Leu282), fused with N-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	27-282 aa
Form	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human IGFBP-7, His Tag at 5μg/ml (100μl/well) on the plate. Dose response curve for Human CD93, hFc Tag with the EC50 of 0.52μg/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 27.5 kDa. Due to glycosylation, the protein migrates to 35-40 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3

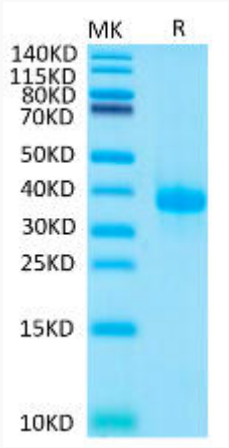
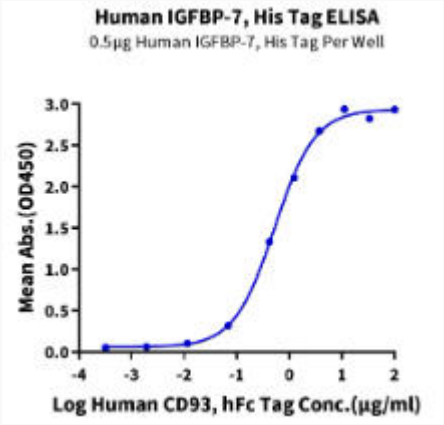
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Reconstitution	Dissolve the lyophilized protein in distilled water.

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 Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Bis-Tris PAGE	
ELISA Data	

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