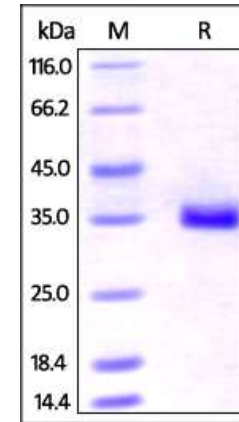


Human CellExp™ IGFBP-7, Human Recombinant

CATALOG NO:	P1212-10 P1212-50	10 µg 50 µg
ALTERNATE NAMES:	Insulin-like growth factor-binding protein 7, IGFBP7, IGF-binding protein 7, IGFBP-rP1, MAC25 protein, Tumor-derived adhesion factor, TAF	
SOURCE:	HEK 293 (Asp 30 - Leu 282)	
PURITY:	> 95% by SDS – PAGE	
MOL. WEIGHT:	Human IGFBP-7, His Tag is fused with a polyhistidine tag at the N-terminus, and has a calculated MW of 27 kDa. The predicted N-terminus is His. The reducing (R) protein migrates as 35 kDa in SDS-PAGE due to glycosylation.	
ENDOTOXIN LEVEL:	< 0.1 EU ng/µg of protein (1 IEU/µg) determined by LAL method.	
FORM:	Lyophilized	
FORMULATION:	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally Trehalose are added as protectants before lyophilization.	
RECONSTITUTION:	Centrifuge the vial prior to opening. Reconstitute in sterile deionized water to a concentration of 50 µg/ml. Solubilize for 30 to 60 minutes at room temperature with occasional gentle mixing. Carrier protein (0.1% (W/V) HSA or BSA) is recommended for further dilution and long term storage. Do not vortex. This solution can be stored at 2-8°C for up to 1 month.	
STORAGE CONDITIONS:	Store at -20°C. After reconstitution, aliquot and store at -20°C and use within 3 months. Avoid repeated freezing and thawing cycles	
DESCRIPTION:	Insulin-like growth factor-binding protein 7 (IGFBP7) is also known as IGFBP-rP1, MAC25 protein, PGI2-stimulating factor, prostacyclin-stimulating factor and tumor-derived adhesion factor, which contains one Ig-like C2-type (immunoglobulin-like) domain, one IGFBP N-terminal domain and one Kazal-like domain. The major function of IGFBP7 is the regulation of availability of insulin-like growth factors (IGFs) in tissue as well as in modulating IGF binding to its receptors. IGFBP7 binds to IGF with high affinity except for IGF-I and IGF-II.IGFBP7 also stimulates cell adhesion. Furthermore, IGFBP7 is implicated in some cancers.	



Human recombinant IGFBP-7

RELATED PRODUCT:

- IGF-BP7, human recombinant (**Cat. No. 7167**)

FOR RESEARCH USE ONLY! Not to be used on humans.