

Insulin Like Growth Factor Binding Protein-7 Human Recombinant, His

Item Number	rAP-2310
Synonyms	Insulin-like growth factor-binding protein 7, IBP-7, IGF-binding protein 7, IGFBP-7, IGFBP-rP1, MAC25 protein, PGI2-stimulating factor, Prostacyclin-stimulating factor, Tumor-derived adhesion factor, TAF, IGFBP7, MAC25, PSF, AGM, FSTL2, RAMSVPS, IGFBP-7v,
Description	IGFBP7 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 279 amino acids (27-282 a.a.) and having a molecular mass of 28.8kDa.IGFBP7 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q16270
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSSSSDTCG PCEPASCPL PPLGCLLGET RDACGCCPMC AR- GEGEPCGG GGAGRGYCAP GMECVKSRKR RKGKAGAAAG GPGVSGVCVC KSRYPVCGSD GTTYPSGCQL RAASQRAESR GEKAITQVSK GTCEQGPSIV TPPKDIWNVT GAQVYLSCEV IGIPTPVLIV NKVKRGHYGV QRTLLPGDR DNLAIQTRGG PEKHEVTGWV LVSPLSKEDA GEYE- CHASNS QGQASASAKI TVVDALHEIP VKKGEGAEI.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Formulation and Purity	IGFBP7 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 0.2M NaCl, 50% glycerol, 2mM DTT and 1mM EDTA. Greater than 85% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**