

Insulin Like Growth Factor Binding Protein-3 Human Recombinant, His

Item Number	rAP-2311
Synonyms	Insulin-like growth factor-binding protein 3, Insulin Like Growth Factor Binding Protein-3, His Tag, IGFBP3, IBP-3, IGF-binding protein 3, IGFBP-3, IBP3, BP-53, Insulin-like growth factor binding protein 3 isoform b precursor.
Description	IGFBP3 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 285 amino acids (28-291a.a.) and having a molecular mass of 31kDa.IGFBP3 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	P17936
Amino Acid Sequence	MGSSHHHHHH SSSLVPRGSH MGASSAGLGP VVRCEPCDAR ALAQCAPPPA VCAELVREPG CGCLTCALS EGQPCGIYTE RCGSGLRCQP SPDEARPLQA LLDGRGLCVN ASAVSRLRAY LLPAP- PAPGN ASESEEDRSA GSVESPSVSS THRVSDPKFH PLHSKIIIIK KGHAKDSQRY KVDYESQSTD TQNFSSSESKR ETEYGPCRRE MEDTLNHLKF LNVLSPRGVH IPNCDKKGFY KKKQCRPSKG RKRGFWCVD KYGQPLPGYT TKGKEDVHCY SMQSK.
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	IGFBP3 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0) and 10% glycerol. Greater than 90.0% as determined by analysis 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**