

Insulin-Like Growth Factor Binding Protein-6 Human Recombinant

Item Number	rAP-2304
Synonyms	IGFBP-6, IBP-6, IGF-binding protein 6.
Description	IGFBP6 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing amino acids 148-240 and having a molecular mass of 20 kDa including 4kDa His tag. IGFBP6 is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P24592
Amino Acid Sequence	
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized IBP6 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IGFBP-6 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
Formulation and Purity	IBP-6 was lyophilized from a concentrated (1mg/ml) solution containing 1xPBS, 0.1% SDS and 1mM DTT. Greater than 80.0% as determined by SDS-PAGE.
Application	
Solubility	It is recommended to reconstitute the lyophilized Insulin-Like Growth Factor Binding Protein-6 in sterile 18MΩ-cm H ₂ O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
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**