

IGFBP-6, Human Recombinant with His Tag

Catalog No.	CRI119A CRI119B CRI119C	Quantity:	5 µg 20 µg 1 mg
Alternate Names:	IBP-6, IGF-binding protein 6.		
Description:	Recombinant human insulin-like growth factor binding protein-6 produced in <i>E. coli</i> is a single, non-glycosylated, polypeptide chain containing amino acids 148-240 and having a MW = 20 kDa including a 4 kDa His tag.		
Source:	<i>E. coli</i>		
Formulation:	Lyophilized from a concentrated (1.0 mg/ml) sterile filtered solution containing 1x PBS, 0.1% SDS and 1 mM DTT.		
Purity:	>80.0% as determined by RP-HPLC and SDS-PAGE.		
Endotoxin Level:	<0.1 ng/µg of recombinant human IGFBP-6.		
Reconstitution:	Centrifuge vial prior to opening. First add sterile water to the vial to fully solubilize the protein to a concentration not less than 100 µg/ml. After complete solubilization of the protein, it can be further diluted to other aqueous solutions.		
Storage & Stability:	Lyophilized protein is stable at room temperature for 3 weeks, but it is recommended to store the lyophilized product desiccated at -20°C to -80°C. Upon reconstitution, protein should be stored at 2-4°C for one week and for future use at -20°C to -80°C. Add a carrier protein (0.1% HSA or BSA) as a stabilizer for long term storage. Please note that the addition of any carrier protein into this product may produce unwanted endotoxin. This depends upon the particular application employed. Avoid repeated freeze-thaw cycles.		
Applications:	1. Positive control for Western Blot 2. Antibody production 3. Protein Assay		

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