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**Recombinant Human IGFBP3, transfected HEK293 cell lysate****Source**

<b>Species</b>	Human
<b>Accession Number</b>	P17936
<b>Gene Symbol</b>	IGFBP3
<b>Gene ID</b>	3486
<b>Expressed Region</b>	Gly28-Lys291
<b>Synonyms</b>	Insulin-like growth factor-binding protein 3, IBP-3, IGF-binding protein 3, IGFBP-3, Insulin-Like Growth Factor Binding Protein 3, Acid Stable Subunit Of The 140 K IGF Complex, Growth Hormone-Dependent Binding Protein, Binding Protein 53, Binding Protein 29, IBP3, BP-53

**Preparation**

<b>Expression System</b>	Human Embryonic Kidney 293 Cells
<b>Tag</b>	N-terminal 6x histidine tag
<b>Purification</b>	Unpurified overexpression cell lysate
<b>Molecular Weight</b>	Recombinant human IGFBP3 has a calculated molecular mass of 31 kDa. Due to the abundant glycosylation, it migrates as approximately 40-50 kDa protein bands in Western blotting under DTT, beta-mercaptoethanol reducing conditions.

**Protein Specifications**

<b>Format</b>	Lyophilized powder
<b>Formulation</b>	Lyophilized from a 0.2 um filtered solution in PBS containing mammalian cell protease inhibitor cocktail
<b>Concentration</b>	Determined by BCA protein assay kit (Thermo Scientific)
<b>Preservative</b>	None
<b>Endotoxin Level</b>	Not determined
<b>Recommended Applications</b>	Western blotting control, antibody validation (i.e., hybridoma screening, antibody pair screening), ELISA, EIA, dot blotting, immunoprecipitation (IP), protein array, protein-protein interaction studies
<b>Reconstitution</b>	Briefly spin the vial and bring the contents to the bottom prior to opening. It is recommended to reconstitute at 0.5 - 1.0 mg/mL with sterile deionized water or 1x PBS.

**Shipping**

Ice packs. Including one vial of HEK293 cell lysate transfected with empty expression vector.

**Storage/Stability**

Upon arrival, the lyophilized protein may be stored for 2 weeks at 4°C. For long term storage, it is recommended to store desiccated below -20 °C in a manual defrost freezer. Following reconstitution, the protein may be stored for 2 weeks under sterile conditions at -20 °C. For long term storage, it is recommended to make appropriate aliquots and store at -80 °C. Avoid repeated freeze-thaw cycles.

This product is furnished for LABORATORY RESEARCH USE ONLY.

Not for diagnostic or therapeutic use.