

Recombinant Full Length Human IGFBP4 Protein, C-Flag-tagged

Cat. No. IGFBP4-1416HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human IGFBP4 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene is a member of the insulin-like growth factor binding protein (IGFBP) family and encodes a protein with an IGFBP domain and a thyroglobulin type-I domain. The protein binds both insulin-like growth factors (IGFs) I and II and circulates in the plasma in both glycosylated and non-glycosylated forms. Binding of this protein prolongs the half-life of the IGFs and alters their interaction with cell surface receptors.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	25.9 kDa
AA Sequence	MLPLCLVAALLLAAGPGPSLGDEAIHCPPCSEEKLARCRPPVGCEELVREPGCGCC ATCALGLGMPCGVY TPRCGSGLRCYPPRGVEKPLHTLMHGQGVCMEIAEIAIQE SLQPSDKDEGDHPNNSFSPCSAHDRRCLQ KHFAKIRDRSTSGGKMKVNGAPRED ARPVPQGSCQSELHRALERLAASQSRTHEDLYIIPNCDRNGNF HPKQCHPALDQGQKGCWCVDRKTGVKLPGGLEPKGELDCHQLADSFRETRTRPLE QKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Secreted Protein
Full Length	Full L.

GENE INFORMATION

Gene Name	IGFBP4 insulin like growth factor binding protein 4 [Homo sapiens (human)]
Official Symbol	IGFBP4
Synonyms	BP-4; IBP4; IGFBP-4; HT29-IGFBP
Gene ID	3487
mRNA Refseq	NM_001552.3
Protein Refseq	NP_001543.2
MIM	146733

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UniProt ID

P22692



Coomassie blue staining of purified IGFBP4 protein.

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