

## Product datasheet for **TP304188**

### IGFBP4 (NM\_001552) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human insulin-like growth factor binding protein 4 (IGFBP4), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204188 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	 MLPLCLVAALLLAAGPGPSLGDEAIHCPPCSEEKLARCRPPVGCCELVREPGCGCCATCALGLGMPCGVY TPRCGSLRCYPPRGVEKPLHTLMHGQGVCMELAEIEAIQESLQPSDKDEGDHPNNSFSPCSAHDRRCLQ KHFAKIRDRSTSGGKMKVNGAPREDARPVPQGSCQSELHRALERLAASQSRTHEDLYIIPNCDRNGNF HPKQCHPALDQGQKWCVDRKTGVKLPGGLEPKGELDCHQLADSFRE  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	25.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_001543</a>
Locus ID:	3487
UniProt ID:	<a href="#">P22692</a> , <a href="#">A0A024R1U8</a>



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RefSeq Size: 2246

Cytogenetics: 17q21.2

RefSeq ORF: 774

Synonyms: BP-4; HT29-IGFBP; IBP4; IGFBP-4

**Summary:** 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. [provided by RefSeq, Jul 2008]

**Protein Families:** Secreted Protein

### Product images:



Coomassie blue staining of purified IGFBP4 protein (Cat# TP304188). The protein was produced from HEK293T cells transfected with IGFBP4 cDNA clone (Cat# [RC204188]) using MegaTran 2.0 (Cat# [TT210002]).