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Product datasheet for TP723172

IGFBP4 (NM_001552) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human insulin-like growth factor binding protein 4 (IGFBP4).
Species:	Human
Expression Host:	Hi-5 insect
Expression cDNA Clone or AA Sequence:	DEAIHCPPCS EEKLARCRPP VGCEELVREP GCGCCATCAL GLGMPCGVYT PRCGSGLRCY PPRGVEKPLH TLMHGQGVCM ELAEIEAIQE SLQPSDKDEG DHPNNSFSPC SAHDRRCLQK HFAKIRDRST SGGKMKVNGA PREDARPVPQ GSCQSELHRA LERLAASQSR THEDLYIIPI PNCDRNGNFH PKQCHPALDG QRGKCWCVDR KTGVKLPGGL EPKGELDCHQ LADSFRE
Tag:	Tag Free
Predicted MW:	25.8 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Lyophilized from a 0.2 μM filtered solution of 20mM phosphate buffer,100mM NaCl, pH 7.2
Bioactivity:	Determined by its ability to inhibit IGF-I induced proliferation of FDC-P1 cells.
Endotoxin:	Endotoxin level is < 0.1 ng/μg of protein (< 1 EU/μg)
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_001543
Locus ID:	3487
UniProt ID:	P22692, A0A024R1U8
RefSeq Size:	2246
Cytogenetics:	17q21.2
RefSeq ORF:	774
Synonyms:	BP-4; HT29-IGFBP; IBP4; IGFBP-4

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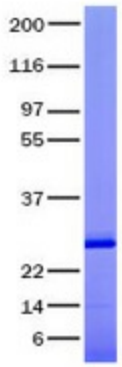
Summary: This gene is a member of the insulin-like growth factor binding protein (IGFBP) family and encodes a protein with an IGFBP domain and a thyroglobulin type-I domain. The protein binds both insulin-like growth factors (IGFs) I and II and circulates in the plasma in both glycosylated and non-glycosylated 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:



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