

Product datasheet for PH304188

IGFBP4 (NM_001552) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	IGFBP4 MS Standard C13 and N15-labeled recombinant protein (NP_001543)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204188
Predicted MW:	27.9 kDa
Protein Sequence:	>RC204188 protein sequence Red=Cloning site Green=Tags(s) MLPLCLVAALLLAAGPGPSLGDEAIHCPPCSEEKLARCRPPVGCEELVREPGCGCCATCALGLGMPCGVY TPRCGSLRRCYPPRGVEKPLHTLMHGQGVCMELAEIEAIQESLQPSDKDEGHPNNSFSPCSAHDRRLQ KHFAKIRDRSTSGGKMKVNGAPREDARVPVQGSCQSELHRALERLAASQSRTHEDLYIIPNCDRNGNF HPKQCHPALDGGQRGKCWCVDRKTGVKLPGGLEPKGELDCHQLADSFRE TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001543
RefSeq Size:	2246
RefSeq ORF:	774
Synonyms:	BP-4; HT29-IGFBP; IBP4; IGFBP-4
Locus ID:	3487
UniProt ID:	P22692 , A0A024R1U8



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Cytogenetics: 17q21.2

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]).