

Product datasheet for PH319122

IGFBPL1 (NM_001007563) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	IGFBPL1 MS Standard C13 and N15-labeled recombinant protein (NP_001007564)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC219122
Predicted MW:	28.8 kDa
Protein Sequence:	>RC219122 representing NM_001007563 Red=Cloning site Green=Tags(s) MPRLSLLLPLLLLLLLPLLPPLSPSLGIRDVGGRRPKCGPCRPEGCPAPAPCPAPGISALDECGCCARCL GAEGASCGRAGGRCGPLVCASQAAGAAPEGTGLCVCAQRGTVCSDGRSYPSCALRLRARHTPRAHP GHLHKARDGPCEFAPVVVPPRSVHNVTGAQVGLSCEVRAVPTPVITWRKVTKSPEGTQALEELPGDHVN IAVQVRGGPSDHEATAWILINPLRKEDEGVYQCHAANMVGEAESHSTVTVLDLSKYRSFHFAPDDRM TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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_001007564
RefSeq Size:	1093
RefSeq ORF:	834
Synonyms:	bA113O24.1; IGFBP-RP4; IGFBPRP4
Locus ID:	347252
UniProt ID:	Q8WX77

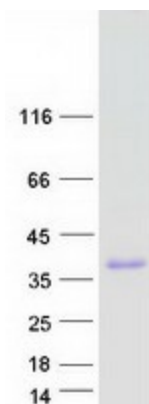


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Cytogenetics: 9p13.1

Summary: IGF-binding proteins prolong the half-life of IGFs and have been shown to either inhibit or stimulate the growth promoting effects of the IGFs in cell culture. They alter the interaction of IGFs with their cell surface receptors (By similarity). May be a putative tumor suppressor protein.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified IGFBPL1 protein (Cat# [TP319122]). The protein was produced from HEK293T cells transfected with IGFBPL1 cDNA clone (Cat# [RC219122]) using MegaTran 2.0 (Cat# [TT210002]).