

Product datasheet for PH320285

PPFIBP1 (NM_003622) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PPFIBP1 MS Standard C13 and N15-labeled recombinant protein (NP_003613)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC220285
Predicted MW:	113 kDa
Protein Sequence:	>RC220285 representing NM_003622 Red =Cloning site Green =Tags(s)

MMSDASDMLAAALEQMDGIIAGSKALEYSNGIFDCQSPTSPFMGSLRALHLVEDLRGLLEMMETDEKEGL
 RCQIPDSTAETLVEWLQSQMTNGHLPNGDVYQERLARLENDKESLVLQVSVLTDQVEAQGEKIRDLEFC
 LEEHREKLNATEEMLQQELLRTSLETQKLDLMAEISNLKLLTAVEKDRLDYEDKFRDTEGLIQEINDL
 RLKVSMDSERLQYEKKLKSTKDELASLKEQLEEKSEVKRLQEKLVCKMKGEGVEIVDRDENFKKKLKE
 KNIEVQKMKKAVESLMAANEEKDRKIEDLRQCLNRYKKMQDTVVLAQGGKGDGEYEELLNSSSISLLD
 AQGFSLEKSPSPTVMGSPSCDPFNTSVPEEFHTTILQVSIPSLPATVSMETSEKSKLTPKPETSFE
 NDGNIILGATVDTQLCDKLLTSSLQKSSSLGNLKKETSDGEKETIQTSEDRAPAESRPFGLPPRPPGQ
 DTSMDNPFGRKVRSSFGGFFKIKSNKRTASAPNLDKRSASAPTLAETEKETAHDLGASSRPKD
 SQRNSPFQIPPPSPDSKKKSRGIMKLFGLRRSQSTTFNPDDMSEPEFKRGGTRATAGPRLGWSRDLGQS
 NSDLDMPFKAKWKEQVCNWLMEQGLGSYLNSGKHWHIASGQTLQLQASQDLEKELGIKHSLSHRKKLQALQ
 ALGSEETNHGKLDNFNWTRWLDIGLPQYKTQFDEGRVDGRMLHYMTVDDLLSLKVSVLHHLSTKRAI
 QVLRINNFEPNCLRRRPSDENTIAPEVQKWTNHRVMEWLRSDLAEYAPNLRGSGVHGGLMVLEPRFNV
 ETMAQLLNIPPNTLLRRHLATHFNLLIGAEAQHQKRDAMELPDYVLLTATAKVKPKKLAFSNFGNLRKK
 KQEDGEYVCPMELGQASGSASKKGFKPGLDMHLYEEDDLDRLEQMEDSEGTVRQIGAFSEGINNLTHML
 KEDDMFKDFAARSPSASITDEDSNV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

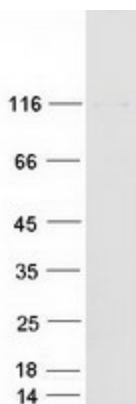
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.



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Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_003613</u>
RefSeq Size:	6076
RefSeq ORF:	3015
Synonyms:	hSGT2; hSgt2p; L2; SGT2
Locus ID:	8496
UniProt ID:	<u>Q86W92</u>
Cytogenetics:	12p11.23-p11.22
Summary:	The protein encoded by this gene is a member of the LAR protein-tyrosine phosphatase-interacting protein (liprin) family. Liprins interact with members of LAR family of transmembrane protein tyrosine phosphatases, which are known to be important for axon guidance and mammary gland development. It has been proposed that liprins are multivalent proteins that form complex structures and act as scaffolds for the recruitment and anchoring of LAR family of tyrosine phosphatases. This protein was found to interact with S100A4, a calcium-binding protein related to tumor invasiveness and metastasis. In vitro experiment demonstrated that the interaction inhibited the phosphorylation of this protein by protein kinase C and protein kinase CK2. Alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified PPFIBP1 protein (Cat# [TP320285]). The protein was produced from HEK293T cells transfected with PPFIBP1 cDNA clone (Cat# [RC220285]) using MegaTran 2.0 (Cat# [TT210002]).