

Product datasheet for TP320285L

PPFIBP1 (NM_003622) Human Recombinant Protein

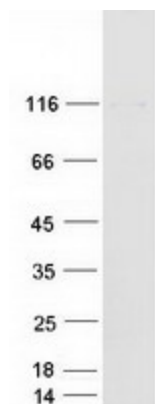
Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human PTPRF interacting protein, binding protein 1 (liprin beta 1) (PPFIBP1), transcript variant 1, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC220285 representing NM_003622 Red =Cloning site Green =Tags(s) MMSDASDMLAAALEQMDGIIAGSKALEYSNGIFDCQSPTSPFMGSLRALHLVEDLRGLLEMMETDEKEG L RCQIPDSTAETLVEWLQSQMTNGHLPNGNDVYQERLARLENDKESLVLQVSVLTDQVEAQGEKIRDLEFC LEEHREKLNATEEMLQQELLSRTSLETQKLDLMAEISNLKLTAVEKDRLDYEDKFRDTEGLIQEINDL RLKVSEMDSERLQYEKKLKSTKDELASLKEQLEEKESEVKRLQEKLVCKMKGEGVEIVDRDENFKKKLKE KNIEVQKMKKAVESLMAANEKDRKIEDLRQCLNRYKKMQDTVFLAQGGKGDGEYEELNSSSISSLLD AQGFSDEKSPSPTPVMGSPSCDPFNTSVPEEFHTTILQVSIPSLPATVSMETSEKSLTPKPETSFE NDGNIILGATVDTQLCDKLLTSSLQKSSSLGNLKKETSDGEKETIQKTSERDRAPEASRPFGTLPPRPPGQ DTSMDNPFGRTRKVRSSFGRGFFIKISNKRTASAPNLDKRSASAPTLAETEKETAEHLDLAGASSRPKD SQRNSPFQIPPPSPDSKKKSRGIMKLFGLRRSQSTTFNPDDMSEPEFKRGGTRATAGPRLGWSRDLGQS NSDLDMPFKWTKEQVCNWLMEQGLGSYLSNGKHWIASGQTLLQASQQDLEKELGIKHSLSHRKKLQLA LQ ALGSEETNHGKLDNFNWWTRWLDDIGLPQYKTQFDEGRVDGRMLHYMTVDDLKLVSVLHHLIKRAI QVLRINNFEPNCLRRRPSDENTIAPEVQKWTNHRVMEWLRVSLDAEYAPNLRGSGVHGGLMVLEPRFN V ETMAQLLNIPPNTLLRRHLATHFNLLIGAEAQHQKRDAMELPDYVLLTATAKVKPKKLAFSNFGNLRKK KQEDGEEYVCPMELGQASGSASKKGFPGLDMLHYEEDDLRLEQMEDSEGTVRQIGAFSEGINNLTLM L KEDDMFKDFAARSPSASITDEDSNV TR TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	113 kDa


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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:	NP_003613
Locus ID:	8496
UniProt ID:	Q86W92
RefSeq Size:	6076
Cytogenetics:	12p11.23-p11.22
RefSeq ORF:	3015
Synonyms:	hSGT2; hSgt2p; L2; SGT2
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]).