

Recombinant Human PPFIA1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PPFIA1-6599H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PPFIA1 MS Standard C13 and N15-labeled recombinant protein (NP_803172) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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. This protein binds to the intracellular membrane-distal phosphatase domain of tyrosine phosphatase LAR, and appears to localize LAR to cell focal adhesions. This interaction may regulate the disassembly of focal adhesion and thus help orchestrate cell-matrix interactions. Alternatively spliced transcript variants encoding distinct isoforms have been described.
Molecular Mass	133.8 kDa
AA Sequence	MMCEVMPTISEAEGPPGGGGGHGSGSPSQPDADSHFEQLMVSMLEERDRLLDTL RETQETLALTQGKLHEVGHERDSLQRQLNTALPQEFAALTKELNVCREQLLEREEI AELKAERNNTRLLLEHLECLVSRHERSLRMTVVKRQAQSPAGVSSEVEVLKALKSLF EHHKALDEKVRERLRVALERCSLLEEELGATHKELMILKEQNNQKKTLDGVLDINH

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

EQENTPSTSGKRSSDGSLSHEEDLAKVIELQEISKQSREQSQMKERLASLSSHVTE
 LEEDLDTARKDLIKSEEMNTKLQRDVREAMAQKEDMEERITTLEKRYLAAQREATSV
 HDLNDKLENEIANKDSMHRQTEDKNRQLQERLELAEQKLQQLRKAETLPEVEAEL
 AQRVAALSKAEERHGNIEERLRQMEAQLEEKNQELQRARQREKMNEEHNKRLSDT
 VDKLLSESNERLQLHLKERMAALEDKNSLLREVESAKKQLEETQHDKDQLVLNIEAL
 RAELDHMRLRGASLHHGRPHLGSPDFRFPMDAGHTDSYSTSAVLRPPQKGRLLAA
 LRDEPSKVQTLNEQDWERAQQASVLANVAQAFESDADVSDGEDDRDTLLSSVDLL
 SPSGQADAHTLAMMLQEQLDAINKEIRLIQEEKENTEQRAGEIESRVGSGSLDNLGR
 FRSMSSIPPYPASSLASSSPPGSGRSTPRRIPHSPAREVDRLGVM TLLPPSREEVRD
 DKTTIKCETSPSSPRALRLDRLHKGALHTVSHEDIRDIRNSTGSQDGPVSNPSSSN
 SSQDSLHKAPKKKGIKSSIGRLFGKKEKGRPGQTGKEALGQAGVSETDNSSQDALG
 LSKLGGQAEKNRKLQKKHELLEEARQGLPFAQWDGPTVVVWLELWVGMPAWYV
 AACRANVKSGAIMSALSDTEIQREIGISNPLHRLKLRLAIQEIMSLTSPSAPPTSRTTLA
 YGDMNHEWIGNEWLPSLGLPQYRSYFMECLVDARMLDHLTKKDLRGQLKMVDSFH
 RNSFQCGIMCLRRLNYDRKELERKREESQSEIKDVLVWSNDRVIRWILSIGLKEYAN
 NLIESGVHGALLALDETFDFSALALLLQIPTQNTQARAVLEREFNNLLVMGTDRRFDE
 DDDKSFRRAPSWRKKFRPKDIRGLAAGSAETLPANFRVTSSMSSPSMQPKKMQMD
 GMTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

 Tel: 1-631-559-9269 1-516-512-3133

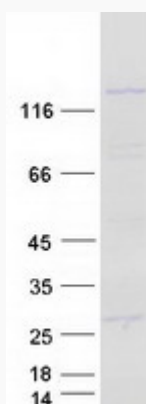
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	PPFIA1 PTPRF interacting protein alpha 1 [Homo sapiens (human)]
Official Symbol	PPFIA1
Synonyms	PPFIA1; protein tyrosine phosphatase, receptor type, f polypeptide (PTPRF), interacting protein (liprin), alpha 1; liprin-alpha-1; LIP.1; LIPRIN; Liprin alpha1; LIP-1; Liprin-alpha1; LAR-interacting protein 1; PTPRF-interacting protein alpha-1; protein tyrosine phosphatase receptor type f polypeptide-interacting protein alpha-1; LIP1; FLJ41337; FLJ42630; FLJ43474; MGC26800;
Gene ID	8500
mRNA Refseq	NM_177423
Protein Refseq	NP_803172
MIM	611054
UniProt ID	Q13136

SDS-PAGE



 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA