

Recombinant Human PPFIA1 Protein, MYC/DDK-tagged

Cat. No. PPFIA1-2599H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PPFIA1 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
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.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	133.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	PPFIA1 protein tyrosine phosphatase, receptor type, f polypeptide (PTPRF), interacting protein (liprin), alpha 1 [Homo sapiens]
Official Symbol	PPFIA1
Synonyms	LIP.1; LIP1; LIPRIN
Gene ID	8500
mRNA Refseq	NM_003626
Protein Refseq	NP_003617
MIM	611054
UniProt ID	Q13136

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