

Product datasheet for TP523945

Frmpd4 (NM_001033330) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse FERM and PDZ domain containing 4 (Frmpd4), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR223945 representing NM_001033330 Red =Cloning site Green =Tags(s)
	<p>MRSHSCHRTKSSGWPPPSGTWGLNQVPPYGWEMMTNRDGRDYFINHMTQAIPFDDPRFDSCQIIPPAPRK VEMRRDPVLGFGFVAGSEKPVVRSVTPGGPSEGKLIPGDQIVMINDEAVSAAPRERVIDLVRSCKESIL LTVIQPYPSPKSAFISAACKARLKSNPVKVRFSEEVIIINGQVSETVKDNSLLFMPNVLVYLENGQTKSF RFDCSTSIIKDVILTLEKLSIKGIEHFSLMLEQRIEGAGTKLLLLHEQETLTQVTQRPSSHKMRCLFRIS FVPKDPIDLLRRDPVAFEYLYVQSCNDVVQERFGPELKYDIALRLAALQMYIATVTTKQTQKISLKYIEK EWGLETFLPSAVLQSMKEKNIKKALSHLVKANQNLVPPGKKLSALQAKVHYLKFSLDLRLYGGRVFKATL VQAEKRSEVTLVGPVRYGISHVINTKTNLVALLADFSHVNRIEMFTEEESLVRVELHVLDVKPITLLMES SDAMNLA CLTAGYYRLLVDSRRSIFNMANKKNAGTQDTSSENKKGKHNLLGPDWNCMPQMTTFIGEGEQEA QITYIDSKQKTVEMTDSTLCPKEHRHLYIDNSYSSDELNQPLTQPGDAPCEADYRSLAQRSLTSLSGPDT LKKAQESPRGAKVSFIFGDLALDDGMSPTTIGYERMLEENPEMLEKQRNLYISSANDMKNLDTPTDTSI QFVANSVYANIGDVKNFEAPEGIEEPLLDICYAENTDDAEDEDEVSCEEDLVGEMNQPAILDLSGSSD DIIDLTTLPPEGDDNEDDFLLRSLNMAIAAPPPGFRDSSDEEDTQSQATSFHEDKEQGSSLQNEEIPVS LIDAVPTSAEGKCEKGLDPAVVSTLEALEALSEEQQKSENSGVAILRAYSPSSSDSGNETNSSEMTEGS ELAAAQKQSELSRMFLATHEGYHPLAEEQTEFPTSKAPSVGLPPKSSHGLAARPATDLPPKVVPKQIL HSDHMEMEPETMETKSVTDYFSLHMGVAYSCTSKRKSCLPEGEGKSPLSGNIPGKKQQGTKIAEIEED TKGKAGTVSSRDNPFLSTFNLERTA FRKDSQRWYVASDGGVVEKSGMEAPAMKVFPGRGGLGNREAEKGE DGTVEGGADDASVLGQGDRFLTDMACVASAKDLNPEDTDPSCDHATKLEAEDNVARLCDYHLAKRMS SLQSEGHFSLQSSQGSSVDTGCGPGSSSSACATPVESPLCPSMGKHMIPDASGKGGRYISPEERAPGHPN HGATFEELHPQTEGMCPRMTPALHTAINADPLFGTLRDGCHRLPKIKETTV</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	144.6 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
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 after receiving vials.
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_001028502
Locus ID:	333605
UniProt ID:	A2AFR3
RefSeq Size:	8609
Cytogenetics:	X F5
RefSeq ORF:	3936
Synonyms:	Gm196; Pdzd10; Pdzk10; PKAP1; preso; Preso1
Summary:	Positive regulator of dendritic spine morphogenesis and density. Required for the maintenance of excitatory synaptic transmission. Binds phosphatidylinositol 4,5-bisphosphate. [UniProtKB/Swiss-Prot Function]