

Product datasheet for **TP315568M**

FRMPD4 (NM_014728) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human FERM and PDZ domain containing 4 (FRMPD4), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC215568 protein sequence Red=Cloning site Green=Tags(s)

MDVFSFVKIAKLSSHRTKSSGWPPPSGTWGLSQVPPYGWEMTANRDGRDYFINHMTQAIPFDDPRLESCQ
IIPPAPRKVEMRRDPVLGFGFVAGSEKPVVRSVTPGGPSEGKLIPGDQIVMINDEPVSAAPRERVIDLV
RSCKESILLTVIQPYPSPKSAFISAACKARLKSNPVKVRFSEEVIIINGQVSETVKDNSLLFMPNVLKVYL
ENGQTKSFRFDCSTSIKDVILTLQEKLKIEHFSLEQRTGAGTKLLLLHEQETLTQVTQRPSHK
MRCLFRISFVPKDPIDLLRRDPVAFELYVQSCNDVVQERFGPELKYDIALRLAALQMYIATVTTKQTQK
ISLKYIEKEWGLETFPSAVLQSMKEKNIKKALSHLVKANQNLVPPGKKLSALQAKVHYLKFLSDLRLYG
GRVFKATLVQAEKRSEVTLVGPVRYGISHVINTKTNLVALADFSHVNRIEMFSEESLVRVELHVLVDVK
PITLLMESSDAMNLA CLTAGYYRLLVDSRRSIFNMANKNTATQETGPENKKGKHNLLGPDWNCIPQMTTF
IGEGEQEAQITYIDSKQKTVEITDSTMCPKEHRHLYIDNAYSSDGLNQQLSQPGEAPCEADYRSLAQRSL
LTLSGPETLKKAQESPRGAKVSFIFGDFALDDGISPPTLGYETLLDEGPEMLEKQRNLYIGSANDMKGLD
LTPEAEGIQFVENSIVYANIGDVKSFAAEGIEEPLLDHCYAENTDDAEDEDEVSCEEDLVGEMNQPAI
LNLGSSDDIIDLTLSPPEGDDNEDDFLLRSLNMAIAAPPPGFRDSSDEEDSQAASFPEDEKKGSSL
QNDEIPVSLIDAVPTSAEGKCEKGLDNAVVSTLGALEALSVEEQQTSNSGVAILRAYSPSSSDSGNE
TNSSEMTESELATAQKQSENLSRMFLATHEGYHPLAEEQTEFPASKTPAGGLPPKSSHALAARPATDLP
PKVVPKQLLHSDHMEMEPETMETKSVTDYFSKLHMGSVAYSCTSKRKS KLADGEGKAPPNGNTTGKKQQ
GTKTAEMEEEASGKFGTVSSRDSQHLSTFNLERTAFRKDSQRWYVATEGGMAEKSGLEAATGKTFPRASG
LGAREAEGKEEGAPDGETSDGSGLGQDRFLTDVTCASSAKDLDPEDADSSTCDHPSKLP EADESVARL
CDYHLAKRMSSLQSEGHFSLQSSQGSVDAGCGTGSSGSACATPVESPLCPSLGKHLIPDASGKGVNYIP
SEERAPGLPNHGATFKELHPQTEGMCPRMTPALHTAINT EPLFGTLRDGCHRLPKIKETTV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

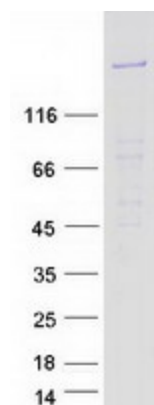
Tag:	C-Myc/DDK
Predicted MW:	144.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method



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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_055543
Locus ID:	9758
UniProt ID:	Q14CM0
RefSeq Size:	8477
Cytogenetics:	Xp22.2
RefSeq ORF:	3966
Synonyms:	MRX104; PDZD10; PDZK10
Summary:	This gene encodes a multi-domain (WW, PDZ, FERM) containing protein. Through its interaction with other proteins (such as PSD-95), it functions as a positive regulator of dendritic spine morphogenesis and density, and is required for the maintenance of excitatory synaptic transmission. [provided by RefSeq, Jan 2010]

Product images:



Coomassie blue staining of purified FRMPD4 protein (Cat# [TP315568]). The protein was produced from HEK293T cells transfected with FRMPD4 cDNA clone (Cat# [RC215568]) using MegaTran 2.0 (Cat# [TT210002]).