

Product datasheet for PH315568

FRMPD4 (NM_014728) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	FRMPD4 MS Standard C13 and N15-labeled recombinant protein (NP_055543)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC215568
Predicted MW:	144.4 kDa
Protein Sequence:	>RC215568 protein sequence Red=Cloning site Green=Tags(s)

MDVFSFVKIAKLSSHRTKSSGWPPPSGTWGLSQVPPYGWEMTANRDGRDYFINHMTQAI PFDDPRLESCQ
IIPPAPRKVEMRRDPVLGFGFVAGSEKPVVRSVTPGGPSEGKLI PGDQIVMINDEPVSAAPRERVIDLV
RSCKEISLLTVIQPYSPKSAFISAARKARLKSNPVKVRFSEEVIINGQVSETVKDNSLLFMPNVLKYYL
ENGQTKSFRFDCSTSIKDVILTLQEKLKSIKIEHFSLMLEQRTEGAGTKLLLLHEQETLTQVTQRPSSHK
MRCLFRISFVPKDPIDLLRRDPVAFEYL YVQSCNDVVQERFGPELKYDIALRLAALQMYIATVTTKQTQK
ISLKYIEKEWGLETF LPSAVLQSMKEKNIKKALSHLVKANQNLVPPGKKLSALQAKVHYLKFLSDLRLYG
GRVFKATLVQAEKRSEVTLVGPRYGISHVINTKTNL VALLADF SHVNRIEMFSEESLVRVELHVLVDVK
PITLLMESSDAMNLA CLTAGYYRLLVDSRRSIFNMANKKNTATQETG PENKKGHNLLGPDWNCIPQMTTF
IGEGEQEAQITYIDSKQKTVEITDSTMCPKEHRHLYIDNAYSSDGLNQQLSQPGEAPCEADYRSLAQRS
LTLSGPETLKKAEQSPRGAKVSFIFGDFALDDGISPPTLYETLLDEGPMELEKQRNLYIGSANDMKGLD
LTPEAEGIQFVENSYYANIGDVKSFQAAEGIEEPLLHDICYAENTDDAEDEDEVSCEEDLVVGMNQPAI
LNLSGSSDDIIDL TSLPPPEGDDNEDDFLLRSLNMAIAAPPPGFRDSSDEEDSQQSQAASFPEKKEGSSL
QNDEIPVSLIDAVPTSAEGKCEKGLDNVAVSTLGALEALSVSEEQQTSDNSGVA I LRAYSPESSSDSGNE
TNSSEMTESSELATAQKQSENL SRMFLATHEGYHPLAEEQTEFPASKTPAGGLPPKSSHALAARPATDLP
PKVVPKQQLLHSDHMEMEPETMETKSVTDYF SKLHMGSVAYSCTSKRKS LADGEGKAPPNGNTTGKKQQ
GKTAEMEEEEASGKFGTVSSRDSQHLSTFNLER TAFRKDSQRWYVATEGGMAEKSGLEAATGKTFPRASG
LGAREAEKKEEGAPDGETSDGSLGQGDRFLTDVTCASSAKDLN PEDADSSTCDHPSKLP EADESVARL
CDYHLAKRMSLQSEGHFSLQSSQGSVDAGCGT GSSGSACATPVESPLCPSLGKHLIPDASGKGVNYIP
SEERAPGLPNHGATFKELHPQTEGMCPRMTPALHTA INTEPLFGTLR DGCHRLPKIKETTV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

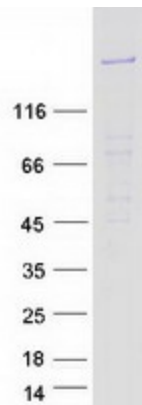
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method



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Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_055543
RefSeq Size:	8477
RefSeq ORF:	3966
Synonyms:	MRX104; PDZD10; PDZK10
Locus ID:	9758
UniProt ID:	Q14CM0
Cytogenetics:	Xp22.2
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]).