

Datasheet for ABIN7553960
FRMPD4 Protein (AA 1-1322) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	FRMPD4
Protein Characteristics:	AA 1-1322
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FRMPD4 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat FRMPD4 Protein expressed in mammalien cells.
Sequence:	MDVFSFVKIA KLSSHRTKSS GWPPPSGTWG LSQVPPYGWE MTANRDGRDY FINHMTQAIP FDDPRLESCQ IIPPAPRKVE MRRDPVLGFG FVAGSEKPVV VRSVTPGGPS EGKLIPGDQI VMINDEPVSA APRERVIDLV RSCKESILLT VIQYPSPKS AFISAACKAR LKSNPVKVRF SEEVIINGQV SETVKDNSLL FMPNVLKVYL ENGQTKSFRF DCSTSIKDVI LTLQEKLNIK GIEHFSLMLE QRTEGAGTKL LLLHEQETLT QVTQRPSSHK MRCLFRISFV PKDPIDLLRR DPVAFEYLYV QSCNDVVQER FGPELKYDIA LRLAALQMYI ATVTTKQTQK ISLKYIEKEW GLETFLPSAV LQSMKEKNIK KALSHLVKAN QNLVPPGKKL SALQAKVHYL KFLSDLRLYG GRVFKATLVQ AEKRSEVTLV VGPRYGISHV INTKTNLVAL LADFSHVNRI EMFSEEEESLV RVELHVLDVK PITLLMESSD AMNLACLTAG YYRLLVDSRR SIFNMANKKN TATQETGPEN KGKHNLLGPD WNCIPQMTTF IGEQEQAQI TYIDSKQKTV EITDSTMCPK EHRHLYIDNA YSSDGLNQQQL SQPGEAPCEA DYRSLAQRSL LTLSGPETLK KAQESPRGAK VSFIFGDFAL

DDGISPPTLG YETLLDEGPE MLEKQRNLYI GSANDMKGLD LTPEAEGIQF VENSIVYANIG
DVKSFQAAEG IEEPLLHDIC YAENTDDAED EDEVSCEEDL VVGEMNQPAI LNLSGSSDDI
IDLTLPPPE GDDNEDDFLL RSLNMAIAAP PPGFRDSSDE EDSQSQAASF PEDKEKGSSL
QNDEIPVSLI DAVPTSAEGK CEKGLDNAVV STLGALEALS VSEEQQTSND SGVAILRAYS
PESSSDSGNE TNSSEMTESS ELATAQKQSE NLSRMFLATH EGYHPLAEEQ TEFPAKTPA
GGLPPKSSHA LAARPATDLP PKVVPKQQL HSDHMEMEPE TMETKSVDY FSKLHMGSVA
YSCTSKRKSK LADGEGKAPP NGNTTGKKQQ GTKTAEMEEE ASGKFGTVSS RDSQHLSTFN
LERTA FRKDS QRWYVATEGG MAEKSGLEAA TGKTFPRASG LGAREAEQKE EGAPDGETSD
GSGLGQDRF LTDVTCASSA KDLNPDAD SSTCDHPSKL PEADESVARL CDYHLAKRMS
SLQSEGHFSL QSSQGSSVDA GCGTGSSGSA CATPVESPLC PSLGKHLIPD ASGKGVNYIP
SEERAPGLPN HGATFKELHP QTEGMCPMT VPAHHTAINT EPLFGTLRDG CHRLPKIKET TV

Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

Grade:

custom-made

Target Details

Target:

FRMPD4

Target Details

Alternative Name:	FRMPD4 (FRMPD4 Products)
Background:	FERM and PDZ domain-containing protein 4 (PDZ domain-containing protein 10) (PSD-95-interacting regulator of spine morphogenesis) (Preso),FUNCTION: Positive regulator of dendritic spine morphogenesis and density. Required for the maintenance of excitatory synaptic transmission. Binds phosphatidylinositol 4,5-bisphosphate. {ECO:0000269 PubMed:19118189}.
Molecular Weight:	144.4 kDa
UniProt:	Q14CM0

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months