

Datasheet for ABIN7561904
FRMPD4 Protein (AA 1-1320) (His tag)



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Overview

Quantity:	1 mg
Target:	FRMPD4
Protein Characteristics:	AA 1-1320
Origin:	Mouse
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:	MDVFSFVKIP KLSSHRTKSS GWPPPSGTWG LNQVPPYGWE MMTNRDGRDY FINHMTQAIP FDDPRFDSCQ IIPPAPRKVE MRRDPVLGFG FVAGSEKPVV VRSVTPGGPS EGKLIPGDQI VMINDEAVSA APRERVIDLV RSCKESILLT VIQYPSPKSF AFISAACKAR LKSNPVKVRF SEEVIIINGQV SETVKDNSLL FMPNVLKVYL ENGQTKSFRF DCSTSIKDVI LTLQEKLKSIK GIEHFSLMLE QRIEGAGTKL LLLHEQETLT QVTQRPSSHK MRCLFRISFV PKDPIDLLRR DPVAFEYLYV QSCNDVVQER FGPELKYDIA LRLAALQMYI ATVTTKQTQK ISLKYIEKEW GLETFLPSAV LQSMKEKNIK KALSHLVKAN QNLVPPGKKL SALQAKVHYL KFLSDLRLYG GRVFKATLVQ AEKRSEVTLV VGPRYGISHV INTKTNLVAL LADFSHVNRI EMFTEEESLV RVELHVLDVK PITLLMESSD AMNLACLTAG YYRLVDSRR SIFNMANKKN AGTQDTGSEN KGKHNLLGPD WNCMPQM TTF IGEGEQEAQI TYIDSKQKTV EMTDSTLCPK EHRHLYIDNS YSSDELNQPL TQPGDAPCEA DYRSLAQRSL LTLSGPDTLK KAQESPRGAK VSFIFGDLAL

Product Details

DDGMSPTTIG YERMLEENPE MLEKQRNLYI SSANDMKNLD LTPDTSIQF VANSVYANIG
DVKNFEAPEG IEEPLLHDIC YAENTDDAED EDEVSCEEDL VVGEMNQPAI LDLSGSSDDI
IDLTTLPPE GDDNEDDFLL RSLNMAIAAP PPGFRDSSDE EDTQSQATSF HEDKEQGSSL
QNEEIPVSLI DAVPTSAEGK CEKGLDPAVV STLEALEALS EEQKSENSG VAILRAYSPE
SSSDSGNETN SSEMTEGSEL AAAQKQSESL SRMFLATHEG YHPLAEEQTE FPTSKAPSVG
LPPKSSHGLA ARPATDLPPK VVPSKQILHS DHMEMEPETM ETKSVTDYFS KLHMGSVAYS
CTSKRKSCLP EGEGKSPLSG NIPGKKQOGT KIAEIEEDTK GKAGTVSSRD NPHLSTFNLE
RTAFRKDSQR WYVASDGGVV EKSGMEAPAM KVFPGRGPLG NREAEGKEDG TVEGGADDAS
VLGQGDRFLT DMACVASAKD LDNPEDTDSP SCDHATKLSE AEDNVARLCD YHLAKRMSSL
QSEGHFSLQS SQGSSVDTGC GPGSSSSACA TPVESPLCPS MGKHMIPDAS GKGGRYISPE
ERAPGHPNHG ATFEELHPQT EGMCPRMTPV ALHTAINADP LFGTLRDGCH RLPKIKETTV

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:0000250 UniProtKB:Q14CM0}.
Molecular Weight:	145.0 kDa
UniProt:	A2AFR3

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