

Datasheet for ABIN7553952  
**FRMPD1 Protein (AA 1-1578) (His tag)**



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## Overview

Quantity:	1 mg
Target:	FRMPD1
Protein Characteristics:	AA 1-1578
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FRMPD1 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant FRMPD1 Protein expressed in mammalian cells.
Sequence:	MEELETSLFQ TRKAHRIEQM VARWLRRSRD SSARAKVAAA DGPARNPQTQ LIPVRHTVKI DKDTLLQDYG FHISESLPLT VVAVTAGGSA HGKLFPGDQI LQMNNEPAED LSWERAVIDL REAEDSL SIT WRCTSGV PK SSFLTEEKRA RLKTNPVKVH FAEVLISGH SQGNSLLCMP NVLKLYLENG QTKAFKFEAN TTVKDIILTV KEKLSIRSIE YFALALEEQY SISRLHLLHE EELIQQVVER EESH DYRCLF RVC FVPKDPL DLLKEDP VAF EYLYLQSCSD VLQERFAVEM KCSSALRLAA LHIQERIYAC AQPQKISLKY IEKDWGIENF ISPTLLRNMK GKDIKKAISF HMKRNQN LLE PRQQLISAA QLRLNYLQIL GELKTYGGRI FNATLMLQDR ESYIALLVGA KYGISQVINS KLNIMSTLAE FANISRVELT EESEKVS VVK VYLQDVK VLT LLESNSAKD LACLIAGYYR LLVDPVTSIF LWPGNKQQA H RVSAEEGYES RACSDSEESS EVDCVLEPLS DRRLVKLAPC RSLIKEEQPP GNSPTPEVAR RGPSTCGASS TTDSAEESEAS DSANTESRGY RTSGSSESMD ALEEDDL DTC SSSRSTFFHF GSPGLAESID SDSQEERSGI ETSGLFCLLD LAQRANPQCQ KTEFSESAAL ETFGWAPELS TVRLDPRLYE GSHADYYSLC SSVSPASYLS DSSESTASRQ

GGAPPAWGQQ GWTEAQSSM LEPLALHPPL AFEDGSSDEE YYDAADKLTP PGPPSGPRDV  
STAEPSATSL QNKASTSSPE NSLPCGPDGR QPSRRGGVKK YAKTLRKRRS FLQTDYTSQV  
SFPLVPSASL ESVDDVCYYD REPYLALGAP SPTVSSLQDM QGEPGLLETG ALGLLAPLRE  
TKSTNPASRV MEMEPETMET KSVIDSRVSS ISAIRFRIDP NKNENSGVVP AASSSASTPH  
CSNPGSSGPD TAQARPSQIL PLSQDLGIA PKEPTIEHGD SSFSLSSGDP NPDRACLASN  
PGLNNVSQGD TLELQLEPHV QLEMGLSEFC TNHIQETAPK YTEPLLSPRD EPRSDECGIN  
PGEKIASIPT KEEPQGQLSL ERDREVTNKN GTNVFQEESR KDSGDSPGDV SNNVSQTLDI  
SSPAGKIVTS LSLDAPVTGT EQIPPHPPRD PQGQSREPPG QGCQAQEQKL FVELDLDPDF  
FLGKQTVSPA VPPEGIKAEA PNHVTVGQDIA PRDSPEWVCF NPEPSLPEPL PCPQEDPHLE  
TSNHCLLSEG KSDSSSICLS AEKSFLCFAP ESHPEVSASL RVATSLGFAG MNEMVAPRIG  
MDQCSCQFSY ATCFRGPQE TEEEDRDLEA HPMAPLTSP SAGSPVLPW RPARAHSCTT  
APLSRKSHIW PEYCSRALRQ LKATPASTPE GFIQLMESLL ELQDILETSW GVGKNHPPEK  
CTWHFTESRS RLCMGSQKLL SSCRHVIRMD QSPEEMQGA V RDTFQHLVQL AGLCFQFTDC  
SRCSARHREA AGNLRDVVYT YHQFIEAAKS TCERGYHDLS VKLLARQCTA LTA AVFCLTQ  
KFRASTAL **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.**

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Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

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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.

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Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

## Product Details

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Grade: custom-made

## Target Details

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Target: FRMPD1

Alternative Name: FRMPD1 ([FRMPD1 Products](#))

Background: FERM and PDZ domain-containing protein 1 (FERM domain-containing protein 2),FUNCTION: Stabilizes membrane-bound GPSM1, and thereby promotes its interaction with GNAI1. {ECO:0000269|PubMed:18566450}.

Molecular Weight: 173.4 kDa

UniProt: [Q5SYB0](#)

## Application Details

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Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

## Handling

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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