

Datasheet for ABIN7561927
FRMPD1 Protein (AA 1-1549) (His tag)



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Overview

Quantity:	1 mg
Target:	FRMPD1
Protein Characteristics:	AA 1-1549
Origin:	Mouse
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:	MEELDGSLSQ TRKAHRIEQM VARWLRRSRD SSARAKVAAA DGPPGNPAQA LTPVRHTVTL DKDVLLQNYG FHISETLPLT VVAVTAGGSA HGKLFPGDQI LQMNNELAED LSCERAADIL RETEDALSIT VWRCTSGVPK SSFLTEEKRA RLKSNPVKVH FAEEVLVSGH SQGNSLLCMP NVLKVYLENG QTKAFKFEAN TTVKDILTV KEKLSIRSIE YFALALEEQY SISRLHLLHE EELVQQVVER EESQDSRCLF RVSFVPKDPL DLLKEDPVAE EYLYLQSCSD VLQERFAVEM KCNSALRLAA LHIQERIYAC AQPQKISLKY IEKDWGIENF ISPTLLRNMK GKDIKKAISF HMKRNQNLE PRQQLISAA QLRLNYLQIL GELKTYGGKV FNATLMLQDR ESYIALLVGA KYGISQIINS KLNIISTLAE FANISRVELT EESEKVMVK VYLQDVKVLTL LLESSSAKD LACLIAGYYR LFVDPANSVF HWSGNRRPTH RVSAEEGYES RACSDSEESS EVDCVLEPLS DRCLVKLSLC RPFAREEQPP GDSPTPEATR RGPSTCGASS MTDSAEESEAS DSANTESRGC RTSGSSESMD ALEEDDLDAC SSSGTSFFHF GPPGFSKLE TNSQEENSRV ETSGFLCLLD LGQANPQCQ KIDGPQGLAS EACSWGPELS MGRDPRLYE GSRTDYYNLC SSISPGSHLS DSGSESTASR

QGAAPPQWCQ QGWMEAQSGS MLESLGLPAL PPLAFEGGSS DEEYYDAADK LTPPDTLSGP
RAADPSAMRL QSQRTRGSE ESLHPGPEGG EPSRQGGVKK YAKSLRKRRS FLQTDHTSQV
SFPLEASASQ ENTDDVCYYD REPYLTLTAP SPTVSSLQDM QGEPGLLETG ALGLLASLRE
TKSTNPASRI MEMEPETMET KSVIDSRVSS ISAIRLRIDP SENTENPVTTD GSSASIPHSP
HHSNPGSSSP QAAQVRPFPI VSPDQDPGGT TPKELTAEPE DSTFPLSSDH PNPDPNGPHH
VSQGDTSSELG EVRSEIGSES FLINHVQEVI PQITGLPCPG DGPTSGECEV NSEETALAAD
EVQGQLSLDS DREVMHRNGP SLFQKGSQGD LGDSKGDRLD NVPQALDVRA PAGEINSSLC
SEPPATGTGQ TSSDSEGENR EAQEQLLTE LDLAPDFLLP SAFPPETIKA EQLDRVIGED
SVPVSTSQQV CVHTVPSLPK LSPCQEEPRS ADSGHGSPAE SKGDDSPIIC LPPERSFLCF
APESHPEGST SLSRVTSFSF AGINEVAPAE IGIEHCRCQF SYATCFRGLQ PETEEEDGDP
QTHPAAPLTS PPSAGSQVTL PWRAARAYSC TTPLSRKSHI WPEFCSRALR QLKTTPTNAP
EGFVQLTESL LELQDILEAS WGVGNKHPPD KCTLHFSESR SRLCMGSQKL LASCQHVIRM
DQSPEEMQGA VRVTFQHLVQ LAGLCFQFTD CSRCSTRHRE VAGNLRDVVY TYHQFVEAAK
LTCERGYHDF SVKLLARQCT ALTAAVFCLT QKFRASTAL **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.**

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.

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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Product Details

Grade: custom-made

Target Details

Target: FRMPD1

Alternative Name: Frmpd1 ([FRMPD1 Products](#))

Background: FERM and PDZ domain-containing protein 1,FUNCTION: Stabilizes membrane-bound GPSM1, and thereby promotes its interaction with GNAI1. {ECO:0000250|UniProtKB:Q5SYB0}.

Molecular Weight: 169.2 kDa

UniProt: [A2AKB4](#)

Application Details

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

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