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Datasheet for ABIN7554411
PPFIA1 Protein (AA 1-1202) (His tag)

Overview

Quantity:	1 mg
Target:	PPFIA1
Protein Characteristics:	AA 1-1202
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PPFIA1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant PPFIA1 Protein expressed in mammalian cells.
Sequence:	MMCEVMPTIS EAEGPPGGGG GHGSGSPSQP DADSHFEQLM VSMLEERDRL LDTLRETQET LALTQGKLHE VGHERDSLQR QLNTALPQEF AALTKELNVC REQLLEREEE IAEKKAERNN TRLLLEHLEC LVSRHERSLR MTVVKRQAQS PAGVSSEVEV LKALKSLFEH HKALDEKVRE RLRVALERCS LLEEELGATH KELMILKEQN NQKKTLDGV LDINHEQENT PSTSGKRSSD GSLSHEEDLA KVIELQEIIS KQSREQSQMK ERLASLSSHV TELEEDLDTA RKDLIKSEEM NTKLQRDVRE AMAQKEDMEE RITTLEKRYL AAQREATSVH DLNDKLENEI ANKDSMHRQT EDKNRQLQER LELAEQKLQQ TLRKAETLPE VEAELAQRVA ALSKAEERHG NIEERLRQME AQLEEKQNEL QRARQREKMN EEHNKRLSDT VDKLLESNE RLQLHLKERM AALEDKNSLL REVESAKKQL EETQHDKDQL VLNIEALRAE LDHMRLRGAS LHHGRPHLGS VPDFRFPMD GHTDSYSTSA VLRRPQKGRL AALRDEPSKV QTLNEQDWER AQQASVLANV AQAFESDADV SDGEDDRDTL LSSVDLLSPS GQADAHTLAM MLQEQLDAIN KEIRLIQEEK ENTEQRAEEI ESRVGSGSLD NLGRFRSMSS IPPYPASSLA SSSPPGSGRS TPRRIPHSPA REVDRLGVMT

Product Details

LLPPSREEVR DDKTTIKCET SPPSSPRALR LDRLHKGALH TVSHEDIRDI RNSTGSQDGP
VSNPSSSNSS QDSLHKAPKK KGIKSSIGRL FGKKEKGRPG QTGKEALGQA GVSETDNSSQ
DALGLSKLGG QAEKNRKLQK KHELLEEARL QGLPFAQWDG PTVVVWLELW VGMPAWYVAA
CRANVKSGAI MSALSDTEIQ REIGISNPLH RLKRLAIQE IMSLTSPSAP PTSRTTLYAG
DMNHEWIGNE WLPSLGLPQY RSYFMECLVD ARMLDHLTKK DLRGQLKMVD SFHRNSFQCG
IMCLRRLNYD RKELERKREE SQSEIKDVLV WSNDRVIRWI LSIGLKEYAN NLIESGVHGA
LLALDETFDF SALALLLQIP TQNTQARAVL EREFNNLLVM GTDRRFDEDD DKSFRRAPSW
RKKFRPKDIR GLAAGSAETL PANFRVTSSM SSPSMQPKKM QMDGNVSGTQ RLDSATVRTY SC

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)

Grade: custom-made

Target Details

Target: PPFIA1

Alternative Name: PPFIA1 ([PPFIA1 Products](#))

Target Details

Background: Liprin-alpha-1 (LAR-interacting protein 1) (LIP-1) (Protein tyrosine phosphatase receptor type f polypeptide-interacting protein alpha-1) (PTPRF-interacting protein alpha-1),FUNCTION: May regulate the disassembly of focal adhesions. May localize receptor-like tyrosine phosphatases type 2A at specific sites on the plasma membrane, possibly regulating their interaction with the extracellular environment and their association with substrates.
{ECO:0000269|PubMed:7796809}.

Molecular Weight: 135.8 kDa

UniProt: [Q13136](#)

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
