

Datasheet for ABIN7555017
PPP4R1 Protein (AA 1-950) (His tag)



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Overview

Quantity:	1 mg
Target:	PPP4R1
Protein Characteristics:	AA 1-950
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PPP4R1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat PPP4R1 Protein expressed in mammalien cells.
Sequence:	MADLSLLQED LQEDADGFGV DDYSSSESDVI IIPSALDFVS QDEMLTPLGR LDKYAA SENI FNRQMVARSL LDTLREVCDD ERDCIAVLER ISRLADDSEP TVRAELMEQV PHIALFCQEN RPSIPYAFSK FLLPIVVRYL ADQNNQVRKT SQAALLALLE QELIERFDVE TKVCPVLIEL TAPDSNDDVK TEAVAIMCKM APMVGKDITE RLILPRFC EM CCDCRM FHVR KVCAANFGDI CSVVGQQATE EMLLPRFFQL CSDNVWGV RK ACAECFMAVS CATCQEIRRT KLSALFINLI SDPSRWVRQA AFQSLGPFIS TFANPSSSGQ YFKEESKSSE EMSVENKNRT RDQEAPEDVQ VRPEDTPSDL SVSNSSVILE NTMEDHAAEA SGKPLGEISV PLDSSLLCTL SESHQEAAS NENDKKPGNY KSMLRPEVGT TSQDSALLDQ ELYNSFHFWR TPLPEIDLDI ELEQNSGGKP SPEGPEE ESE GPVPSSPNIT MATRKELEEM IENLEPHIDD PDVKAQVEVL SAALRASSLD AHEETISIEK RSDLQDELDI NELPNCKINQ EDSVPLISDA VENMDSTLHY IHSDSDLSNN SSFSPDEERR TKVQDVVPQA LLDQYLSMTD PSRAQTV DTE IAKHCAYSLP GVALTLGRQN

Product Details

WHCLRETYET LASDMQWKVR RTLAFSIHEL AVILGDQLTA ADLVPIFNGF LKDLDEVIRIG
VLKHLHDFLK LLHIDKRREY LYQLQEFLVT DNSRNWRFRA ELAEQLLLL ELYSPRDVYD
YLRPIALNLC ADKVSSVRWI SYKLVSEMVK KLHAATPPTF GVDLINELVE NFGRCPKWSG
RQAFVFCQT VIEDDCLPMD QFAVHLMPHL LTLANDRVPN VRVLLAKTLR QTLLEKDYFL
ASASCHQEAV EQTIMALQMD RDSVDKYFAS IHPASTKISE DAMSTASSTY **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:

PPP4R1

Alternative Name:

PPP4R1 ([PPP4R1 Products](#))

Background:

Serine/threonine-protein phosphatase 4 regulatory subunit 1,FUNCTION: Regulatory subunit of serine/threonine-protein phosphatase 4. May play a role in regulation of cell division in renal glomeruli. The PPP4C-PPP4R1 PP4 complex may play a role in dephosphorylation and regulation of HDAC3. {ECO:0000269|PubMed:15805470}.

Molecular Weight:

107.0 kDa

Target Details

UniProt: [Q8TF05](#)

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