

Datasheet for ABIN7564639

PPP4R1 Protein (AA 1-951) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	PPP4R1
Protein Characteristics:	AA 1-951
Origin:	Mouse
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 LPEDADGLDV DDYSSESVDI IIPALDFVS QDEMLTPLGR LDKYAASENV FNRQMVARSL LDTLREVCDD ERDCIAVLER ISRLADDSEP TVRAELMEQV PHIALFCQEN RPSIPYAFSK YLLPIVVRYL ADQNNQVRKT SQAALLALLE QELIERFDVE TKVCPVLIDL TAPDSNDDVK TEAVAIMCKM APMVGKDITE RLILPRFCM CCDCRMFHVR KVCAANFGDI CSVVGQQATE EMLLPRFFQL CSDNVWGVK ACAECFMAVS CATCQEIRRT KLSALFINLI SDPSRWVRQA AFQSLGPFIS TFANPSSSGQ CFKDESKSSE DSSAEDKDRM RDNDVVEEEH RRPEDAPSDL SAPHSSARLE SLEGCAAKTP GHSAGDVPAP VDSSLLCTL SESPQEAASN DENGRKPD TN SKSASRPDAG TSSPEATPLD QDMFNSFHFW RTPLPKIDL KELQQDPEER LSPERTGDVP AAPLPGPPNI TMATRKELEE MIENLEPHMD DPDVKAQVDV LSAALRASSL DAHEETGGVE QRSELQDEVC VSELPDCNIS HDTCVPLISA AEENAEATPD YVHGADVSP GDFGSPDEDR RPKVQDVVPQ ALLDQYLSMT DPSRAQTVDT EIAKHCAYSL PGVALTLGRQ

Product Details

NWHCLRETYE TLASDMQWKV RRTLAFSIHE LAVILGDQLT AADLVPIFNG FLKDLDEVRI
GVLKHLHDFL KLLHIDKRRE YLYQLQEFLV TDNSRNWRFR AELAEQLILL LELYSRDRVY
DYLRPIALNL CADKVSSVRW ISYKLVSEMV KKLHTATPPT FGVDLINELV ENFGRCPKWS
GRQAFVFCVQ TVIEDDCLPM DQFAVHLMPL LLTLANDRVP NVRVLLAKTL RQTLLEKEYF
LASASCHQEA VEQTIMALQM DRDSVKYFA SIHPSSTKLS EDAMSTASST Y **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 (By similarity). {ECO:0000250}.

Molecular Weight:

106.3 kDa

Target Details

UniProt: [Q8K2V1](#)

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