

Datasheet for ABIN7564905
PPP1R3A Protein (AA 1-1089) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	PPP1R3A
Protein Characteristics:	AA 1-1089
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PPP1R3A protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Ppp1r3a Protein expressed in mammalian cells.
Sequence:	MEPAEEPGQI SKDNFLEVPN LSDSVCEDEE VKATFKPGFS PQPSRRGSGS SEDMYLDTPT SASRRVSFAD SLGFSLVSVK EFDCWELPSV STDFDLSGDV FHTDEYVLSP LFDLPSSKEK LMEQLQVQKA VLESAEHLPG SSMKGIIRVL NISFEKLVYV RMSLDDWQTH YDILAHEYVNP SCDGETDQFS FKISLVPPYQ KEGGKVEFCI RYETSAGTFW SNNNGTNYIL VCQKKRKEPE PVKPLEEAPS RQIKGCLKVK SRSKEEPLLA PEENKFETLK FTESYIPTII CSHEDKDDL ANHPNVDDIN KKHDEHNGKE LDLMINQRLI TSQDEKNTFA TDTVNFTNKA EGSEKKQAYH EINTDLFMGP LSPSLSAESS LKRDFYHSRS SSPGNEYGHP HSEEIISDMG EKGPSLGDTS SDELMQLELC SKEDLDDNAN PANGSGRVCS SFDQRMACGL KNNEAGIKKT GIQDYKYSHG DSTKLEESNA SSRDDYAKVD NKKEKQTCLG VVENPSKNFQ SVFQTQEGHM GYPKISTEGD KANNQDLTSL LSKDITANTW AVTVDPST NAKRSWREVG SGSNLEPGTS DLSSPRNFSP LTDDHLFQAD RENS DSSNPE NQNMNTRHRK KWNVLETQSE TSETESDIK HTKEQAEYKD MWEKTDNSRN LKATPTEHLF TCRETECYGL SSLADHGITE KAQAVTAYII KTTLESTPES

Product Details

ASARGKAIIA KLPQETAGND RPIEVKETAF DPHEGRKDDS HYSLCHGDTA GVIHDNDFER
ESHLDICNLR VDEMCKEKT STCFPQKTYD KEKHGIGSVT SIDEPSQVIT GNQKATSKLD
LHLGVLPTDR AIFQANADLE LLQELSRRTD FNAVPSAFNS DTASASRDSS QVYRHCSKKS
VPSYGEEKAV TNTTLQSIPT KSEYNWHPES EVLGHAMSKP EDVFKSSEIM KSGSGGERGG
GPILQQKEGS LENSQGPMPFF TNEPLENLDE ASSENEGLMH SGQSQCYLGD KGLVSSASAT
VSTQELEAQQ RESLLSISTN SKIPYFLLFL IFLATVYYYD LMIGLAFYLF SLYWLYWEGG
RQRESVKKK **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: PPP1R3A

Alternative Name: Ppp1r3a ([PPP1R3A Products](#))

Background: Protein phosphatase 1 regulatory subunit 3A (Protein phosphatase 1 glycogen-associated regulatory subunit) (Protein phosphatase type-1 glycogen targeting subunit) (RG1),FUNCTION:

Target Details

Seems to act as a glycogen-targeting subunit for PP1. PP1 is essential for cell division, and participates in the regulation of glycogen metabolism, muscle contractility and protein synthesis. Plays an important role in glycogen synthesis but is not essential for insulin activation of glycogen synthase. {ECO:0000269|PubMed:11283248}.

Molecular Weight: 121.4 kDa

UniProt: [Q99MR9](#)

Pathways: [Cellular Glucan Metabolic Process](#)

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