

Datasheet for ABIN7555077

PPP1R3A Protein (AA 1-1122) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	PPP1R3A
Protein Characteristics:	AA 1-1122
Origin:	Human
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:	<p>MEPSEVPSQI SKDNFLEVPN LSDSLCEDEE VTFQPGFSPQ PSRRGSDSSE DIYLDTPSSG TRRVSFADSF GFNLVSVKEF DCWELPSAST TFDLGTDFH TEEYVLAPLF DLPSSKEDLM QQLQIQKAIL ESTESLLGST SIKGIIRVLN VSFEKLVYVR MSLDDWQTHY DILAEYVPNS CDGETDQFSF KIVLVPPYQK DGSKVEFCIR YETSVGTFWS NNGTNYTFI CQKKEQEPEP VKPWKEVPNR QIKGCLKVKS SKEESSVTSE ENNFENPKNT DTYIPTIICS HEDKEDLEAS NRNVKDVNRE HDEHNEKELE LMINQHLIRT RSTASRDERN TFSTDPVNFP NKAEGLEKKQ IHGEICTDLF QRSLSPSSSA ESSVKGDFYC NEKYSSGDDC THQPSEETTS NMGEIKPSLG DTSSDELVQL HTGSKEVLDD NANPAHGNGT VQIPCPSSDQ LMAGNLNKKH EGGAKNIEVK DLGCLRRDFH SDTSACKES TEEGSSKEDY YGNGKDDEEQ RIYLGVNEKQ RKNFQTILHD QERKMGNPKI SVAGIGASNR DLATLLSEHT AIPTRAITAD VSHSPRTNLS WEEAVLTPEH HHLTSEGSAL GGITGQVCSS RTGNVLRNDY LFQVEEKSGG INSEDQDNPS QHKQSWNVLE SQGKSRENKT NITEHIKGQT DCEDVWGKRD NTRSLKATTE ELFTCQETVC CELSSLADHG</p>

ITEKAEAGTA YIIKTTSEST PESMSAREKA IIAKLPQETA RSDRPIEVKE TAFDPHEGRN
DDSHYTLQCQR DTVGVIIYDND FEKESRLGIC NVRVDEMEKE ETMSMYNPRK THDREKCGTG
NITSVEESSW VITEYQKATS KLDLQLGMLP TDKTVFSENRLRQVQELSK KTDSDAIVHS
AFNSDTNRAP QNSSPFSKHH TEISVSTNEQ AIAVENAVTT MASQPISTKS ENICNSTREI
QGIEKHPYPE SKPEEVSRS GIVTSGSRKE RCIGQIFQTE EYSVEKSLGP MILINKPLEN
MEEARHENEG LVSSGQSLYT SGEKESDSSA STSLPVEESQ AQGNESLFSK YTNSKIPYFL
LFLIFLITVY HYDLMIGLTF YVLSLSWLSW EEGRQKESVK KK **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:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
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

Target Details

	regulatory subunit) (Protein phosphatase type-1 glycogen targeting subunit) (RG1),FUNCTION: 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 (By similarity). {ECO:0000250}.
Molecular Weight:	125.8 kDa
UniProt:	Q16821
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