

Datasheet for ABIN7561619  
**PPP2R3C Protein (AA 1-453) (His tag)**



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## Overview

Quantity:	1 mg
Target:	PPP2R3C
Protein Characteristics:	AA 1-453
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PPP2R3C protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat Ppp2r3c Protein expressed in mammalien cells.
Sequence:	MDWKDVLRRR LASPNTDPKR KKSEQELKDE EMDLFTKYYS EWKGGRKNTN EFYKTIPRFY YRLPAEDEV LQKLREESRA VFLQRKSREL LDNEELQNLW FLLDKHQIPP MIGEEAMINY ENFLKVGEKA GPKCKQFFTA KVFAKLLHTD SYGRISIMQF FNYVMRKVWL HQTRIGLSLY DVAGQGYLRE SDLENYILEL IPTLPQLDGL EKSFYSFYVC TAVRKFFFFL DPLRTGKIKI QDILACSF LD LLELRDEEL SKESQETNWF SAPSALRVYG QYLNLDKDHN GMLSKEELSR YGTATMTNVF LDRVFQECLT YDGEMDYKTY LDFVLALENR KEPAALQYIF KLLDIENKGY LNVFSLNYFF RAIQELMKIH GQDPVSFQDV KDEIFDMVKP KDPLKISLQD LINSNQGDTV TTILIDLNGF WTYENREALV ANDNENSADL DDT <b>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.</b>

## Product Details

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### 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.

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### Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

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### Grade:

custom-made

## Target Details

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### Target:

PPP2R3C

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### Alternative Name:

Ppp2r3c ([PPP2R3C Products](#))

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### Background:

Serine/threonine-protein phosphatase 2A regulatory subunit B" subunit gamma (Protein phosphatase subunit G5PR),FUNCTION: May regulate MCM3AP phosphorylation through phosphatase recruitment (PubMed:12167160). May act as a negative regulator of ABCB1 expression and function through the dephosphorylation of ABCB1 by TFPI2/PPP2R3C complex (By similarity). May play a role in the activation-induced cell death of B-cells (PubMed:16129705, PubMed:16343422). {ECO:0000250|UniProtKB:Q969Q6, ECO:0000269|PubMed:12167160, ECO:0000269|PubMed:16129705, ECO:0000269|PubMed:16343422}.

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### Molecular Weight:

53.4 kDa

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### UniProt:

[Q9JK24](#)

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### Pathways:

[PI3K-Akt Signaling](#)

## Application Details

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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.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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