

Datasheet for ABIN7557646

PPP2R5C Protein (AA 1-524) (His tag)



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Overview

Quantity:	1 mg
Target:	PPP2R5C
Protein Characteristics:	AA 1-524
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PPP2R5C protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Ppp2r5c Protein expressed in mammalien cells.
Sequence:	<p>MLTCNKAGSG MWVDAASSNG PFQPVALLHI RDVPPADQEK LFIQKLRQCC VLFDFVSDPL</p> <p>SDLKWKEVKR AALSEMVEYI THNRNVITEP IYPEAVHMFA VNMFRTLPPS SNPTGAEDFP</p> <p>EEDEPTLEAA WPHLQLVYEF FLRFLESPDF QPNIAKKYID QKFVLQLEEL FDSEDPRERD</p> <p>FLKTTLHRIY GKFLGLRAYI RKQINNIFYR FIYETEHNG IAELEILGS IINGFALPLK EEHKIFLLKV</p> <p>LLPLHKVKSL SVYHPQLAYC VVQFLEKDST LTEPVMALL KYWPKTHSPK EVMFLNELEE</p> <p>ILDVIEPSEF VKIMEPLFRQ LAKCVSSPHF QVAERALYYW NNEYIMSLIS DNAAKILPIM</p> <p>FPSLYRNSKT HWNKTIHGLI YNALKLFMEM NQKLFDDCTQ QFKAERLKEK LMKKEREAAW</p> <p>VKIENLAKAN PQYAVYSQAS AVSIPVAMET DGPQFEDVQM LKKTVSDEAR QAQKELKKDR</p> <p>PLVRRKSELP QDPHTEKALE AHCRASELLS QDGR Sequence without tag. The proposed</p> <p>Purification-Tag is based on experiences with the expression system, a different complexity</p> <p>of the protein could make another tag necessary. In case you have a special request, please</p>

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:

PPP2R5C

Alternative Name:

Ppp2r5c ([PPP2R5C Products](#))

Background:

Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit gamma isoform (PP2A B subunit isoform B'-alpha-3) (PP2A B subunit isoform B'-gamma) (PP2A B subunit isoform B56-gamma) (PP2A B subunit isoform PR61-gamma) (PP2A B subunit isoform R5-gamma),FUNCTION: The B regulatory subunit might modulate substrate selectivity and catalytic activity, and also might direct the localization of the catalytic enzyme to a particular subcellular compartment. The PP2A-PPP2R5C holoenzyme may activate TP53 and play a role in DNA damage-induced inhibition of cell proliferation. PP2A-PPP2R5C may also regulate the ERK signaling pathway through ERK dephosphorylation (By similarity). {ECO:0000250}.

Molecular Weight:

60.8 kDa

UniProt:

[Q60996](#)

Pathways:

[PI3K-Akt Signaling](#)

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.
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Restrictions:	For Research Use only
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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