

Datasheet for ABIN7551810  
**PPP2R5D Protein (AA 1-602) (His tag)**



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## Overview

Quantity:	1 mg
Target:	PPP2R5D
Protein Characteristics:	AA 1-602
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PPP2R5D protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat PPP2R5D Protein expressed in mammalian cells.
Sequence:	<p>MPYKLLKKEKE PPKVAKCTAK PSSSGKDGGG ENTEEAQPQP QPQPQQAQS QPPSSNKRPS            NSTPPPTQLS KIKYSGGPQI VKKERRQSSS RFNLSKNREL QKLPALKDSP TQEREELFIQ            KLRQCCVLFV FVSDPLSDLK FKEVKRAGLN EMVEYITHSR DVVTEAIYPE AVTMFSVNLF            RTLPPSSNPT GAefdPEEDE PTLAAWPHL QLVYEFFLRF LESPdFQPNi AKKYIDQKFV            LALLDLFDSE DPRERDFLKT ILHRIYGKFL GLRAYIRRQI NHIFYRFIYE TEHHNGIAEL LEILGSIING            FALPLKEEHK MFLIRVLLPL HKVKLSLVYH PQLAYCVVQF LEKESLSTEP VIVGLLKFWP            KTHSPKEVMF LNELEEILDV IEPSEFSKVM EPLFRQLAKC VSSPHFQVAE RALYYWNNEY            IMSLISDNAA RVLPI MPAL YRNSKSHWNK TIHGLIYNAL KLFMEMNQKL FDDCTQQYKA            EKQKGRFRMK EREEMWQKIE ELARLN PQYP MFRAPPPLPP VYSMETETPT AEDIQLLKRT            VETEAVQMLK DIKKEKVLLR RKSELPQDVY TIKALEAHKR AEEFLTASQE AL <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a</b></p>

**different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

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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

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## Target Details

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### Target:

PPP2R5D

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### Alternative Name:

PPP2R5D ([PPP2R5D Products](#))

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### Background:

Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit delta isoform (PP2A B subunit isoform B'-delta) (PP2A B subunit isoform B56-delta) (PP2A B subunit isoform PR61-delta) (PP2A B subunit isoform R5-delta),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.

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### Molecular Weight:

70.0 kDa

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### UniProt:

[Q14738](#)

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### Pathways:

[PI3K-Akt Signaling](#), [Activation of Innate immune Response](#), [Toll-Like Receptors Cascades](#)

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## 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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