

Datasheet for ABIN7554664

**PPP1R12B Protein (AA 1-982) (His tag)**[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	PPP1R12B
Protein Characteristics:	AA 1-982
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PPP1R12B protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant PPP1R12B Protein expressed in mammalian cells.
Sequence:	MAELEHLGGK RAESARMRRA EQLRRWRGSL TEQEPAERRG AGRQPLTRRG SPRVRFEDGA VFLAACSSGD TDEVRKLLAR GADINTVNVD GLTALHQACI DENLDMVKFL VENRANVNQQ DNEGWTPLHA AASCGYLNIA EYFINHGASV GIVNSEGEVP SDLAEPPAMK DLLLEQVKKQ GVDLEQSRKE EEQMLQDAR QWLNSGKIED VRQARSGATA LHVAAAKGYS EVLRLLIQAG YELNVQDYDG WTPLHAAAHW GVKEACSI LAALCDMDIRN KLGQTPFDVA DEGLVEHLEL LQKKQNVLRS EKETRNLKIE SDLNSKIQSG FFKNKEKMLY EEETPKSQEM EENKESSSS SSEEEEGEDE ASESETEKEA DKKPEAFVNH SNSEKSSIT EQIPAPAQNT FSASSARRFS SGLFNKPEEP KDESPPSWRL GLRKTGSHNM LSEVANSREP IRDRGSSIYR SSSSPRISAL LDNKDKEREN KSYISSLAPR KLNSTSDIEE KENRESAVNL VRSGSYTRQL WRDEAKGNEI PQTIAPSTYV STYLKRTPHK SQADTTAECT ADVSSSTPL CVITNRPLPS TANGVTATPV LSITGTDSSV EAREKRRSYL TPVRDEEAES LRKARSRQAR QTRRSTQGVT LTDLQEAERT FSRSRAERQA QEQPREKPTD TEGLEGSPEK HEPSAVPATE AGEQQPWGR SLDEEPICHR

## Product Details

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LRCPAQDPKP TTPASPSTSR PSLYTSSHLL WTNRFVSPDS ESSETTTNTT TAKEMDKNEN  
EEADLDEQSS KRLSIRERRR PKERRRGTGI NFWTKDEDET DGSEEVKETW HERLSRLESG  
GSNPTTSDSY GDRASARARR EAREARLTL TSRVEEDSNR DYKKLYESAL TENQKLKTKL  
QEAQLELADI KSKLEKVAQQ KQEKTSRSDS VLEMEKRERR ALERKMSEME EEMKVLTELK  
SDNQRLKDEN GALIRVISKL SK **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

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**Target:** PPP1R12B

**Alternative Name:** PPP1R12B ([PPP1R12B Products](#))

**Background:** Protein phosphatase 1 regulatory subunit 12B (Myosin phosphatase-targeting subunit 2) (Myosin phosphatase target subunit 2),FUNCTION: Regulates myosin phosphatase activity. Augments Ca(2+) sensitivity of the contractile apparatus. {ECO:0000269|PubMed:11067852, ECO:0000269|PubMed:9570949}.

## Target Details

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Molecular Weight: 110.4 kDa

UniProt: [O60237](#)

Pathways: [M Phase](#)

## Application Details

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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

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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