

Datasheet for ABIN7564334

**PPP1R12B Protein (AA 1-976) (His tag)**[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	PPP1R12B
Protein Characteristics:	AA 1-976
Origin:	Mouse
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 RAESARARRA EQLRRWRGSL TEQEPAERQG AGRQLQTRRG SPRVRFEDGA VFLAACSSGD TDEVKLLAR GADINTVNVD GLTALHQACI DENLDMVKFL VENRANVNQQ DNEGWTPLHA AASCGYLNIA EYFISHGASV GIVNSEGEVP SDLAEEPAMK DLLLEQVKKQ GVDLEQSRKE EEQMLQDAR QWLNSGRIED VRQARSGATA LHVAAAKGYS EVLRLLIQAG YELNVQDHDG WTPLHAAAHW GVKEACSILA EALCDMDIRN KLGQTPFDVA DEGLVEHLEM LQKKQDVLRS EKETRNLIE SDLNSKFQSG LFKNKEKMLY EEEIPKSQDT EEENKESSSS SSEEEEGEDE VSESETEKEA DKKPEATVNH SNSEIKSRIM EQIPAPAQNT FSASSARRLS SLFNKAEEP K DESPSSWRLG LRKTGSHNML SEVANSREAL RDRGSSIYRS SSSPRISALL DDKDKERENK SYFSMLVPRR LSSTSDIEEK ENRESAVNLV RSGSHTRQLW RDEAKGSETP QTIAPSTYTS TYLKRTPYKS QADSTAEKTA DSVSSSTPLC VITNRPAPST ANGVPAATVF SSAGTDPSVE AREKRRSYLT PVRDEEAESL RKARSRQARQ TRRSTQGVTL TDLQEAECTF SRSRAERQAQ EQPGEKLEDP GGLEGSTKKQ EPSAAPT KGA GEGRSLEEEP IYHRLRYPTQ

## Product Details

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PKPPTTPVSP SASRPSLYTG SHLLRTSRAS GPDSSENSETS THATAAKEMD TSEKGEADLD  
DQSSNRLSVR ERRRAKDRRR GTGINFWTND EDETVDVSEEV KEALHERLSR LESGGTNPTS  
SDSYSDRASA RARREAREAR LASLTSRVEE DSNRDYKKLY ESALTENQKL KTKLQEAQLE  
LADIKAKLEK MAQQKQEKTS DRSSVLEVEK RERRALERKM SEMEEEMKVL TELKSDNQRL  
KDENGALIRV ISKLSK **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 (By similarity). {ECO:0000250}.

## Target Details

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Molecular Weight: 109.0 kDa

UniProt: [Q8BG95](#)

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