

Datasheet for ABIN7563965  
**PPP1R13B Protein (AA 1-1087) (His tag)**



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## Overview

Quantity:	1 mg
Target:	PPP1R13B
Protein Characteristics:	AA 1-1087
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PPP1R13B protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose:	Custom-made recombinat Ppp1r13b Protein expressed in mammalien cells.
Sequence:	MMPMILTVFL SNNEQILTEV PITPETTCRD VVEFCKEPGE GGCHLAEVWR GSERPIPYDH MMYEHLQKWG PRREEVKFFL RHEDSPTSS EQGARQTQEQ RTQRSVVNVP GEKRTENGVG NPRVELTLSE LQDMAARQQQ QIENQQMLV AKEQLHFLK QQERRQQSV SENEKLQKLK ERVEAQENKL KKIRAMRGQV DYSKIMNGNL SAEIERFSAM FQEKKQEVQT AILRVDQLSQ QLEDLKKGKL NGFQSYNGRL TGPAAVELKR LYQELQIRNQ LNQEQNSKLQ QQKELLNKR MEVAMMDKRI SELRERLYGK KIQLNRVNGT SSPQSPLSTS GRVAAVGPYI QVPSTGGFPL PGDPVKPQSL TIASSAAHGR SKSANDGNWP PLKQNSASVK STQMTGDWKD SGMEGTLKQG AISSQPLPLS ALGATEKLG I EIGKGPPPIP GVGKPLPPSY GTYPSSGPLG PGSTSSLERR KEGSLRPGA GPPSRQKPAP LPPASNAPQP GSSQIQQRI SVPPSPTYPP AGPPAFPTGD GKPELPLTVA IRPFLADKGS RPQSPRKGPO TVNSSSIYSM YLQQATPPKN YQPPAHGTLN KSVKAVYGKP VLPSSGASPS PLPFLHGSLG TGTAQPQPPS DSAEKEPEQE GPSVPEGEST

## Product Details

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VESLPRPLSP TKLTPIVHSP LRYQSDADLE ALRRKLANAP RPLKKRSSIT EPEGPGGPNI  
QKLLYQRFNT LAGGMEGTPF YQSPSQDFV GTLADMDNGN TNANGNLDEP FPPRPTAPLP  
EELAPSSDAN DNELPSPEPE ELICPQTTHQ TAEPTEDNNN NVAPVPSTEQ IPSPVAEAPS  
EEDQVPPAPL SPVIHPPAAS ASKRTNLKKP NSERTGHGLR VRFNPLALLL DASLEGEFDL  
VQRIIYEVED PSKPNDEGIT PLHNAVCAAGH HHIVKFLDF GNVNNAADSD GWTPHCAAS  
CNSVHLCKQL VESGAAIFAS TISDIETAAD KCEEMEEGYI QCSQFLYGVQ EKLGVMNKGT  
VYALWDYEAQ NSDELSFHEG DAITILRRKD ENETEWWWAR LGDREGYVPK NLLGLYPRIK  
PRQRTLA **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.**

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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: PPP1R13B

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Alternative Name: Ppp1r13b ([PPP1R13B Products](#))

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Background: Apoptosis-stimulating of p53 protein 1 (Protein phosphatase 1 regulatory subunit 13B),FUNCTION: Regulator that plays a central role in regulation of apoptosis via its interaction with p53/TP53 (By similarity). Regulates TP53 by enhancing the DNA binding and

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## Target Details

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transactivation function of TP53 on the promoters of proapoptotic genes in vivo (By similarity).  
{ECO:0000250, ECO:0000250|UniProtKB:Q96KQ4}.

Molecular Weight: 119.2 kDa

UniProt: [Q62415](#)

Pathways: [p53 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.

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