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Datasheet for ABIN7550917

**PPP1R15B Protein (AA 1-713) (His tag)**

## Overview

Quantity:	1 mg
Target:	PPP1R15B
Protein Characteristics:	AA 1-713
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PPP1R15B protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose:	Custom-made recombinat PPP1R15B Protein expressed in mammalien cells.
Sequence:	<p>MEPGTGGSRK RLGPRAGFRF WPPFFPRRSQ AGSSKFPTPL GPENSGNPTL LSSAQPETRV SYWTKLLSQL LAPLPGLLQK VLIWSQLFGG MFPTRWLDFA GVYSALRALK GREKPAAPTA QKSLSSLQLD SSDPSVTSPL DWLEEGIHWQ YSPDCLKLEL KAKGSALDPA AQAFLLLEQQL WGVELLPSSL QSRLYSNREL GSSPSGPLNI QRIDNFSVVS YLLNPSYLDC FPRLEVSQYN SDGNSEVVG F QTLTPESSCL REDHCHPQPL SAELIPASWQ GCPPLSTEGL PEIHHLRMKR LEFLQQASKG QDLPTPDQDN GYHSLEEEHS LLRMDPKHCR DNPTQFVPAA GDIPGNTQES TEEKIELLTT EVPLALEEES PSEGCPSEI PMEKEPGEGR ISVVDYSYLE GDLPI SARPA CSNKLIDYIL GGASSDLETS SDPEGEDWDE EAEDDGFDS D SSLSDSDLEQ DPEGLHLWNS FCSVDPYNPQ NFTATIQTAA RIVPEEPSDS EKDLGKSDL ENSSQSGSLP ETPEHSSGEE DDWESSADEA ESLKLWNSFC NSDDPYNPLN FKAPFQTSGE NEKGC RDSKT PSESIVAISE CHTLLSCKVQ LLGSQESECP DSVQRDVL SG GRHTHVKRKK VTFLEEVTEY YISGDEDRKG</p>

## Product Details

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PWEEFARDGC RFQKRIQETE DAIGYCLTFE HRERMFNRLQ GTCFKGLNVL KQC **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.**

### 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

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### Target:

PPP1R15B

### Alternative Name:

PPP1R15B ([PPP1R15B Products](#))

### Background:

Protein phosphatase 1 regulatory subunit 15B,FUNCTION: Maintains low levels of EIF2S1 phosphorylation in unstressed cells by promoting its dephosphorylation by PP1. {ECO:0000269|PubMed:26159176, ECO:0000269|PubMed:26307080}.

### Molecular Weight:

79.1 kDa

### UniProt:

[Q5SWA1](#)

### Pathways:

[ER-Nucleus 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.

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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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