

Datasheet for ABIN7558501
PPP1R15B Protein (AA 1-697) (His tag)



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Overview

Quantity:	1 mg
Target:	PPP1R15B
Protein Characteristics:	AA 1-697
Origin:	Mouse
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:	METGTHRARK RPGPRLGSWF RLPFLRRSHA CSSEFPPPSS RQNPNGNSALP ERRTRYWTKL LSQLLALLPS LFQKLLLWSQ LFGGLIPTRW LDFAASYSAL RALRGREESA APTVQKSLSS LRLDSSSEDLV VSSLDWLEEG LQWQCSSSDL ELKKAQERA LDSAAPTFLL EQQLWGVELL PSSLQAGLVS HRELDSSSSG PLSVQSLGNF KVVSYLLNPS YLDYLPQLGL RCQSSAGGGQ FVGFRTLPE SCYLSEGDGCH PQPLRAEMSA TAWRRCPPLS TEGLEPEIHHL RMKRLEFLQA NKGQELPTPD QDNGYHSLEE EHNLLRMDPQ HCTDNPAQAV SPAADRPEPT EKKPELVIQE VSQSPQGSSL FCELPVEKEC EEDHTNATDL SDRGESLPVS TRPVCSNKLI DYILGGAPSD LEASSDSESE DWGEEPEDDG FSDGSLSES DVEQDSEGLH LWNSFHSVDP YNPQNFTATI QTAARIAPRD PSDSGTWSWG SCGVGSCQEG PLPETPDHSS GEEDDWEPSA DEAENLKLWN SFCHSEDPYN LLNFKAPFQP SGKNWKGRQD SKASSEATVA FSGHHTLLSC KAQLLESQED NCPGCGLGEA LAGERYTHIK RKKVTFLEEV TEYYISGDED RKGPWEEFAR DGCRFQKRIQ

Product Details

ETEVAIGYCL AFEHREKMFN RLRIESKDLL LYSNVKK **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

Target:

PPP1R15B

Alternative Name:

Ppp1r15b ([PPP1R15B Products](#))

Background:

Protein phosphatase 1 regulatory subunit 15B (Constitutive repressor of eIF2alpha phosphorylation) (CReP),FUNCTION: Maintains low levels of EIF2S1 phosphorylation in unstressed cells by promoting its dephosphorylation by PP1. {ECO:0000269|PubMed:14638860, ECO:0000269|PubMed:19181853}.

Molecular Weight:

77.7 kDa

UniProt:

[Q8BFW3](#)

Pathways:

[ER-Nucleus Signaling](#)

Application Details

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

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
