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Datasheet for ABIN7551731

PPP2R2B Protein (AA 1-443) (His tag)

Overview

Quantity:	1 mg
Target:	PPP2R2B
Protein Characteristics:	AA 1-443
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PPP2R2B protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat PPP2R2B Protein expressed in mammalien cells.
Sequence:	MEEDIDTRKI NNSFLRDHSY ATEADIISTV EFNHTGELLA TGDKGGRVVI FQREQESKNQ VHRERGEYNVY STFQSHEPEF DYLKSLEIEE KINKIRWLPQ QNAAYFLLST NDKTVKLWKV SERDKRPEGY NLKDEEGLR DPATITTLRV PVLRPMDLMV EATPRRVFAN AHTYHINSIS VNSDYETYMS ADDLRINLWN FEITNQSFNI VDIKPANMEE LTEVITAAEF HPHHCNTFVY SSSKGTIRLC DMRASALCDR HTKFFEEPED PSNRSFFSEI ISSISDVKFS HSGRYIMTRD YLTVKVWDLN MENRPIETYQ VHDYLRSLKC SLYENDCIFD KFECVWNGSD SVIMTGSYNN FFRMFDRNTK RDVTLEASRE NSKPRAILKP RKVCVGGKRR KDEISVDSL D FSKKILHTAW HPSENIIVA ATNNLYIFQD KVN 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:

Product Details

- 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
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Grade:	custom-made
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Target Details

Target:	PPP2R2B
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Alternative Name:	PPP2R2B (PPP2R2B Products)
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Background:	Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B beta isoform (PP2A subunit B isoform B55-beta) (PP2A subunit B isoform PR55-beta) (PP2A subunit B isoform R2-beta) (PP2A subunit B isoform beta),FUNCTION: The B regulatory subunit might modulate substrate selectivity and catalytic activity, and also might direct the localization of the catalytic enzyme to a particular subcellular compartment. Within the PP2A holoenzyme complex, isoform 2 is required to promote proapoptotic activity (By similarity). Isoform 2 regulates neuronal survival through the mitochondrial fission and fusion balance (By similarity). {ECO:0000250}.
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Molecular Weight:	51.7 kDa
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UniProt:	Q00005
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Pathways:	PI3K-Akt Signaling , Mitotic G1-G1/S Phases , Hepatitis C
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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
