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Datasheet for ABIN7556375
Ppp2r3d Protein (AA 1-491) (His tag)

Overview

Quantity:	1 mg
Target:	Ppp2r3d (PPP2R3D)
Protein Characteristics:	AA 1-491
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Ppp2r3d protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Ppp2r3d Protein expressed in mammalien cells.
Sequence:	<p>MPERPPIRAL RRDPPDDPAVA QALASLARGS DLVFPSRFQK WLRDFRQVHA HRKEEPPPPQS PPPGHTVPAF YFPCGRPPPR PQDTEDIAIAL VECAFEG LPR GRAGLGDM AV VAKACGCPLY WKAPLFYAAG GERTGSVSVH MFVAMWRKVL LTCHDDAARF VRL LGHPGCS GLIQEDFVPF LQDVVNSHPG LAFLRAAKDF HSR YITTVIQ RIFYTVNRSW SGMISREELR RSSFLQAVSQ LEVEPDINRM TSFFSYEHFY VIYCKFWELD LDRDLTIDRS DLARHG DGAI SSRMIDRIFS GAVTRARLPR KVGKLSYADF VWFLLSEEDK TTPTSTEYWF RCMDLDGDGA LSMFELEFFY EEQAQRMAAR GVEPLPFHDL ARQVLDLVAP RCPGRITLRD LKQCCLAGEF FDAFFNVDKY LAREQREQAG TPQD TSDSPA ASAWDRYAAE EYDFLVAEEA MAEDDDDHDE GSDPIDLYGL ADEDCCDLEP L 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.</p>

Product Details

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:

Ppp2r3d (PPP2R3D)

Alternative Name:

Ppp2r3d

Background:

Serine/threonine-protein phosphatase 2A regulatory subunit B" subunit delta (PP2A B"-PR59) (PP2A PR59) (Protein phosphatase 2A, 59 kDa regulatory subunit B) (Serine/threonine-protein phosphatase 2A regulatory subunit B" subunit alpha),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. Interacts with retinoblastoma-related protein p107 (in vivo). May target PP2A core dimer to p107 resulting in dephosphorylation of p107.

Molecular Weight:

55.7 kDa

UniProt:

[Q9Z176](#)

Application Details

Application Notes:

In addition to the applications listed above we expect the protein to work for functional studies

Application Details

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