

Datasheet for ABIN7563114

PRKAR2B Protein (AA 1-416) (His tag)



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Overview

Quantity:	1 mg
Target:	PRKAR2B
Protein Characteristics:	AA 1-416
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PRKAR2B protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Prkar2b Protein expressed in mammalien cells.
Sequence:	<p>MSIEIPAGLT ELLQGFTVEV LRHQPADLLE FALQHFTRLQ QENERKGAAR FGHEGRTWGD AGAAAGGGIP SKGVNFAEEP MRSDSENGEE EEAAEAGAFN APVINRFTRR ASVCAEAYNP DEEEDDAESR IHPKTDDQR NRLQEACKDI LLFKNLDPEQ MSQVLDAMFE KLVKEGEHVI DQGDDGDNFY VIDRGTFDIY VKCDGVGRCV GNYDNRGSFG ELALMYNTPR AATITATSPG ALWGLDRVTF RRIIVKNNAK KRKMYESFIE SLPFLKSLEV SERLKVVDVI GTKVYNDGEQ IIAQGDLADS FFIVESGEVK ITMKRKGKSE VEENGAVEIA RCFRGQYFGE LALVTNKPRA ASAHAIQTVK CLAMDVQAFE RLLGPCMEIM KRNIATYEEQ LVALFGTNMD IVEPTA</p> <p>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>
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:	PRKAR2B
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Alternative Name:	Prkar2b (PRKAR2B Products)
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Background:	CAMP-dependent protein kinase type II-beta regulatory subunit,FUNCTION: Regulatory subunit of the cAMP-dependent protein kinases involved in cAMP signaling in cells. Type II regulatory chains mediate membrane association by binding to anchoring proteins, including the MAP2 kinase.
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Molecular Weight:	46.2 kDa
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UniProt:	P31324
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Pathways:	Hedgehog Signaling , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Myometrial Relaxation and Contraction , M Phase , G-protein mediated Events , Interaction of EGFR with phospholipase C-gamma , SARS-CoV-2 Protein Interactome , The Global Phosphorylation Landscape of SARS-CoV-2 Infection
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Application Details

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