

Datasheet for ABIN7564445

PHKA2 Protein (AA 1-1235) (His tag)



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Overview

Quantity:	1 mg
Target:	PHKA2
Protein Characteristics:	AA 1-1235
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PHKA2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Phka2 Protein expressed in mammalian cells.
Sequence:	MRSRSNSGVR LDGYARLVQQ TILCYQNPVT GLLSASHDQK DAWVRDNIYS ILAVWGLGMA YRKNADRDED KAKAYELEQN VVKLMRGLLQ CMMRQVDKVE KFKHTQSTKD SLHAKYNTAT CSTVVGDDQW GHLQVDATSL FLLFLAQMTA SGLRIIFTLD EVAFIQNLVF YIEAAYKVAD YGMWERGDKT NQGIPELNAS SVGVAKAALE AIDELDLFGA HGGRKSVIHV LPDEVEHCQS ILFSMLPRAS TSKEIDAGLL SIISFPAFAV EDVNLVNVTK NEISKLQGR YGCCRFRLDG YKTPREDPHR LHYDPAELKL FENIECEWPV FWTYLIIDGI FNGDAVQVQE YREALGILI RGKDGHLVLP ELYAIPDPKV DEEYKNPHTV DRVPLGKLPH LWGQSLYILS SLLAEGFLAT GEIDPLNRRF STSVKPDVVV QVAVLAENSH IKGLLKEHGM TVQSIADVHP IRVQPGRILS HIYAKLGRNK NMKLSGRPYR HIGVLGTSKL YVIRNHIFTF TPQFTDQHHF YLALDNEMIV EMLRIELAYL CTCWRMTGRP TLTFPVTHM LTNDGSDIHP AVLSTIRKLE DGYFGGARVK LGNLAEFLT TTFYTHLTFLD PDCDEKLFGD ITDRSFSPDS EPDLGGYLED SSPQESQDEL

DQYISHLLQS TSLKCYLPPL CKKSEDSHFF SAIHSTRDIL SVMAKAKGLE TTFPMILPT
KVLSGHRKSL NLVDSPQPLL KTTPEYDYQW PRDDHDEVDC EKLVGQLKDC SNLQDQADIL
YILYVMKGPR WDTNLFQGHG VTVHSLSEL YGKAGLNQEW SLIRYISGLL RKKVEVLAEA
CADLLSHQKQ LTVGLPPEPR EKTISTPLPP EELTELIYA SGQDISIAVL TQEIVVYLAM
YVRAQPSLFA EMLRLRIGLI IQVMATELAR SLNCSGKEAS ESLMNLSPFD MKSLLHHILS
GKEFGVERSV RPIHSSMSSP AISIHEVGHT GATKTERSGI TRLRSEMKQM NRRASADEQF
FPLGQTMSNS LHSIKSVRSS TPSSPTGTSS TDSGGQHLGW GEQQGQWLRR RRLDGAINRV
PVGFYQKVWK ILQKCHGLSI DGYVLPSTT QEMTPCEIKF AVHVESVLNR VSQPEYRQLL
VEAIMVLTLL SDTEMDSIGG IIHVDQIVQL ANQLFLQDQV SFGTTDILEK DQATGICHLF
YDSAPSGAYG TMTYLTKAVA SHLQELLPS GCQMQ

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.
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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Target Details

Target:	PHKA2
Alternative Name:	Phka2 (PHKA2 Products)

Target Details

Background:	Phosphorylase b kinase regulatory subunit alpha, liver isoform (Phosphorylase kinase alpha L subunit),FUNCTION: Phosphorylase b kinase catalyzes the phosphorylation of serine in certain substrates, including troponin I. The alpha chain may bind calmodulin.
Molecular Weight:	138.5 kDa
UniProt:	Q8BWJ3
Pathways:	Cellular Glucan Metabolic Process

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