

Datasheet for ABIN7562931

PHKA1 Protein (AA 1-1241) (His tag)



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Overview

Quantity:	1 mg
Target:	PHKA1
Protein Characteristics:	AA 1-1241
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PHKA1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Phka1 Protein expressed in mammalian cells.
Sequence:	MRSRSNSGVR LDGYARLVHQ TILCHQNPVT GLLPASVDQK DAWVRDNVYS ILAVWGLGLA YRKNADRDED KAKAYELEQS VVKLMRGLLH CMIRQVDKVE SFKYSQSTKD SLHAKYNTKT CATVVGDDQW GHLQLDATSV YLLFLAQMTA SGLHHISLD EVNFIQNLVF YIEAAYKTAD FGIWERGDKT NQGISELNAS SVGMAKAALE ALDELDLFGV KGGPQSVIHV LADEVQHCQS ILNSLLPRAS TSKEVDASLL SVVSFPAFAV EDSHLVELTK QEITKLQGR YGCCRFRLDG YKTPKEDPNR LYYEPAELKL FENIECEWPL FWTYFILDGI FSGNVEQVQE YREALDAVLI KGKNGVPLLP ELYSVPPDRV DEEYQNPHTV DRVPMGKLP MWGQSLYILG SLMAEGFLAP GEIDPLNRRF STVPKPDVVV QVSILAETEE IKAILKDKGI DVETIAEVYP IRVQPARILS HIYSSLGCNS RMKLSGRPYR LMGVLGTSKL YDIRKTIFTF TPQFIDQQF YLALDNQMIV EMLRTDLSYL CSRWRMTGQP TITFPISHTM LDEDGTSLSN SILAALRKMQ DGYFGGARIQ TGKLSEFLT SCCTHLSFMD PGPEGKLYSE DYDEDYEDDL DSGNWMDSDY STSNARCGDE VARYLDRLLA

HTVPHPKLAP TSRKGGLDRF RAAVQTTCDL MSLVAKAKEL HIQNVHMYLP TKLFQPSRPS
LNLLDSPESP QDSQVPSVHV EVHLPRDQSG EVDFQSLVSQ LKETSSLQEQ ADILYMLYSM
KGPDWNTELY EEGGATVREL LSELYVKVGE IRHWGLIRYI SGILRKKVEA LDEACTDLLS
YQKHLTVGLP PEPREKTISA PLPYEALTKL IDEASEGDMS ISTLTQEIMV YLAMYMRTQP
GLFAEMFRLR IGLIIQVMAT ELAHSRLCSA EEATEGLMNL SPSAMKNLLH HILSGKEFGV
ERSVRPTDSN VSPAISIHEI GAVGATKTER TGIMQLKSEI KQVEFRRLSV SMESQTSGGH
PSGVDLMSPS FLSPAACIAA SSGSFPTVCD HQTSKDSRQG QWQRRRRRLDG ALNRVPIGFY
QKWVKILQKC HGLSVEGFVL PSSTTREMTP GEIKFSVHVE SVLNRPVQPE YRQLLVEAIL
VLTMLADIEI HSGISIIAVE KIVHIANDLF LQEQLTLGAD DTMLAKDPAS GICTLLYDSA
PSGRFGTMTY LSKAAATYVQ EFLPHSLCAM Q **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
Grade:	custom-made

Target Details

Target:	PHKA1
Alternative Name:	Phka1 (PHKA1 Products)

Target Details

Background:	Phosphorylase b kinase regulatory subunit alpha, skeletal muscle isoform (Phosphorylase kinase alpha M subunit),FUNCTION: Phosphorylase b kinase catalyzes the phosphorylation of serine in certain substrates, including troponin I. The alpha chain may bind calmodulin.
Molecular Weight:	138.8 kDa
UniProt:	P18826
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