

Datasheet for ABIN7564213
PHKB Protein (AA 1-1085) (His tag)



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Overview

Quantity:	1 mg
Target:	PHKB
Protein Characteristics:	AA 1-1085
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PHKB protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Phkb Protein expressed in mammalien cells.
Sequence:	<p>MANSPDAAFS SPALLRSGSV YEPLKSINLP RPDNETLWDK LDHYIRIVKS TMLMYQSPTT</p> <p>GLFPTKTCGG EEKSKVHESL YCAAGAWALA LAYRRIDDDK GRTHELEHSA IKCMRGILYC</p> <p>YMRQADKVQQ FKQDPRPTTC LHSVFSVHTG DELLSYEEYG HLQINAVSLF LLYLVEMISS</p> <p>GLQIIYNTDE VFSIQNLVFC VERVYRVPDF GVWERGSKYN NGSTELHSSS VGLAKAALEA</p> <p>INGFNLFGNQ GCSWSVIFVD LDAHNRNRQT LCSLLPRESR SHNTDAALLP CISYPAFALD</p> <p>DEALFSQTLQ KVIRKLKGY GFKRFLRDGY RTPLEDPNRR YYKPAEIKLF DGIECEFPFIF</p> <p>FLYMMIDGVF RGNLEQVKEY QDLLTPLLHQ TTEGYPVVPK YYYVPADFVE CEKRNPQSQK</p> <p>RFPSNCGRDG KLFLWGQALY IIAKLLADEL ISPKDIDPVQ RFVPLQNQRN VSMRYSNQGP</p> <p>LENDLVHVA LVAESQRLQV FLNTYGIQTQ TPQQVEPIQI WPQQELVKAY FHLGINEKLG</p> <p>LSGRPDPIG CLGTSKIYRI LGKTVVCYPI IFDLSDFYMS QDVLLLLIDDI KNALQFIKQY</p> <p>WKMHGRPLFL VLIREDNIRG SRFNPILDML AAFKKGIIGG VKVHVDRLQT LISGAVVEQL</p>

DFLRISDTEK LPEFKSFEEL EFPKHSKVKR QSSTADAPEA QHEPGITITE WKNKSTHEIL
QKLNDGCLA GQTILLGILL KREGPNFITM EGTVSDHIER VYRRAGSKKL WSVVRAASL
LNKVVDLAP SITNVLVQ GK QVTLGAFGHE EEVISNPLSP RVIKNIIYYK CNTHDEREAV
IQQELVIHIG WIISNSPELF SGMLKIRIGW IIHAMEYELQ VRGGDKPAVD LYQLSPSEVK
QLLLDILQPQ QSGRCWLNRR QIDGSLNRTP PEFYDRVWQI LERTPNGIVV AGKHLPQQPT
LSDMTMYEMN FSLLVEDMLG NIDQPKYRQI IVELLMVVS I VLERNPELEF QDKVDLDRLV
KEAFHEFQKD ESRLKEIEKQ DDMTSFYNTPLGKRGTC SY LTKVVMNSLL EGEVKPSNED SCLVS

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.

Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

Grade:

custom-made

Target Details

Target:

PHKB

Alternative Name:

Phkb ([PHKB Products](#))

Background:

Phosphorylase b kinase regulatory subunit beta (Phosphorylase kinase subunit beta),FUNCTION: Phosphorylase b kinase catalyzes the phosphorylation of serine in certain substrates, including troponin I. The beta chain acts as a regulatory unit and modulates the

Target Details

	activity of the holoenzyme in response to phosphorylation (By similarity). {ECO:0000250}.
Molecular Weight:	123.9 kDa
UniProt:	Q7TSH2
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