

Datasheet for ABIN7554395

RPS6KC1 Protein (AA 1-1066) (His tag)



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Overview

Quantity:	1 mg
Target:	RPS6KC1
Protein Characteristics:	AA 1-1066
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RPS6KC1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat RPS6KC1 Protein expressed in mammalian cells.
Sequence:	MTSYRERSAD LARFYTVTEP QRHPRGYTVY KVTARVVSRR NPEDVQEIV WKRYSDFKKL HKELWQIHKN LFRHSELFPP FAKGIVFGRF DETVIEERRQ CAEDLLQFSA NIPALYNSKQ LEDFFKGGII NDSELIGPA EAHSDSLIDT FPECSTEGFS SDSLVLSTV DVDSLAELEDD GMASNQNSPI RTFGLNLSSD SSALGAVASD SEQSKTEER ESRSLFPGSL KPKLGKRDYL EKAGELIKLA LKKEEEDDYE AASDFYRKGV DLLLEGVQGE SSPTRREAVK RRTAEYLMRA ESSISLYGKP QLDDVSQPPG SLSSRPLWNL RSPAEELKAF RVLGVIDKVL LVMDTRTEQT FILKGLRKSS EYSRNRKTII PRCVPNMVCL HKYIIEESV FLVLQHAEGG KLWSYISKFL NRSPEESFDI KEVKKPTLAK VHLQQTSSP QDSSSFESRG SDGGSMKAL PLKSSLTPSS QDDSNQEDDG QDSSPKWPDS GSSSEEECTT SYLTLCNEYG QEKIEPGSLN EEPFMKTEGN GVDTKAISKF PAHLAADS DS PSTQLRAHEL KFFPNDDPEA VSSPRTSDSL SRSKNSPMEF FRIDSKDSAS ELLGLDFGEK LYSKSEPLK PFFTLPGDS ASRSFNTSES KVEFKAQDTI

SRGSDDSVPV ISFKDAAFDD VSGTDEGRPD LLVNLPGELE STREAAAMGP TKFTQTNIGI
IENKLEAPD VLCLRLSTEQ CQAHEEKGIE ELSDPSGPKS YSITEKHQAQ EDPRMLFVAA
VDHSSSGDMS LLPSSDPKFQ GLGVVESAVT ANNTEESLFR ICSPLSGANE YIASTDTLKT
EEVLLFTDQT DDLAKEEPTS LFQRDSETKG ESGLVLEGDK EIHQIFEDLD KKLALASRFY
IPEGCIQRWA AEMVVALDAL HREGIVCRDL NPNNILLNDR GHIQLTYFSR WSEVEDSCDS
DAIERMYCAP EVGAITEETE ACDWWSLGAV LFELLTGKTL VECHPAGINT HTTLNMPECV
SEEARSLIQQ LLQFNPLERL GAGVAGVEDI KSHPFFTPVD WAELMR **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:

RPS6KC1

Alternative Name:

RPS6KC1 ([RPS6KC1 Products](#))

Background:

Ribosomal protein S6 kinase delta-1 (S6K-delta-1) (EC 2.7.11.1) (52 kDa ribosomal protein S6 kinase) (Ribosomal S6 kinase-like protein with two PSK domains 118 kDa protein) (SPHK1-binding protein),FUNCTION: May be involved in transmitting sphingosine-1 phosphate (SPP)-

Target Details

	mediated signaling into the cell (PubMed:12077123). Plays a role in the recruitment of PRDX3 to early endosomes (PubMed:15750338). {ECO:0000269 PubMed:12077123, ECO:0000269 PubMed:15750338}.
Molecular Weight:	118.7 kDa
UniProt:	Q96S38

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