

Datasheet for ABIN7555184

ARHGAP4 Protein (AA 1-946) (His tag)



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Overview

Quantity:	1 mg
Target:	ARHGAP4
Protein Characteristics:	AA 1-946
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ARHGAP4 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat ARHGAP4 Protein expressed in mammalian cells.
Sequence:	MAAHGKLRRE RGLQAEYETQ VKEMRWQLSE QLRCLQLQGE LRRELLQELA EFMRRRAEVE LEYSRGLEKL AERFSSRGGR LGSSREHQSF RKEPSLLSPL HCWAVLLQHT RQQSRESAAL SEVLAPLAQ RLSHIAEDVG RLVKKSRLDLE QQLQDELLEV VSELQTAKKT YQAYHMESVN AEAKLREAER QEEKRAGRSV PTTTAGATEA GPLRKSSLKK GGRLVEKRQA KFMEHKLKCT KARNEYLLSL ASVNAAVSNY YLHDVLDLMD CCDTGFHLAL GQVLRSYTAA ESRTQASQVQ GLGSLEEAVE ALDPPGDKAK VLEVHATVFC PPLRFDYHPH DGDEVAEICV EMELRDEILP RAQNIQSRLD RQTIEETEVN KTLKATLQAL LEVVASDDGD VLDSFQTSPS TESLKSTSSD PGSRQAGRRL GQQQETETFY LTKLQEYLSG RSILAKLQAK HEKLQEALQR GDKEEQEVS TQYTQRKFQK SRQPRPSSQY NQRLFGGDME KFIQSSGQPV PLVVESCIRF INLNGLQHEG IFRVSGAQLR VSEIRDAFER GEDPLVEGCT AHDLDVAGV LKLYFRSLEP PLFPPDLFGE LLASSELEAT AERVEHVSRL LWRLPAPVLV VLRYLFTFLN HLAQYSDENM MDPYNLAVCF

GPTLLPVPAG QDPVALQGRV NQLVQTLIVQ PDRVFPPLTS LPGPVYEKCM APPSASCLGD
AQLESLGADN EPELEAEMPA QEDDLEGVVE AVACFAYTGR TAQELSFRRG DVLRLHERAS
SDWWRGEHNG MRGLIPHKYI TLPAGTEKQV VGAGLQTAGE SGSSPEGLLA SELVHRPEPC
TSPEAMGPSG HRRRCLVPAS PEQHVEVDKA VAQNMDSVFK ELLGKTSVRQ GLGPASTTSP
SPGPRSPKAP PSSRLGRNKG FSRGPGAPAS PSASHPQGLD TTPKPH **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:

ARHGAP4

Alternative Name:

ARHGAP4 ([ARHGAP4 Products](#))

Background:

Rho GTPase-activating protein 4 (Rho-GAP hematopoietic protein C1) (Rho-type GTPase-activating protein 4) (p115),FUNCTION: Inhibitory effect on stress fiber organization. May down-regulate Rho-like GTPase in hematopoietic cells.

Molecular Weight:

105.0 kDa

Target Details

UniProt:	P98171
Pathways:	Neurotrophin Signaling Pathway, Regulation of Cell Size

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