

Datasheet for ABIN7555175
ARHGAP23 Protein (AA 1-1491) (His tag)



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Overview

Quantity:	1 mg
Target:	ARHGAP23
Protein Characteristics:	AA 1-1491
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ARHGAP23 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat ARHGAP23 Protein expressed in mammalian cells.
Sequence:	<p>MNGVAFCLVG IPPRPEPRPP QLPLGPRDGC SPRRPFPWQG PRTLLLYKSP QDGFGLTLRH FIVYPPESAV HCSLKEEENG GRGGGSPRY RLEPMDTIFV KNVKEDGPAH RAGLRTGDRL VKVNGESVIG KTYSQVIALI QNSDDTLELS IMPKDEDILQ LAYSQDAYLK GNEPYSGEAR SIEPPPPICY PRKTYAPPAR ASTRATMVPE PTSALPSDPR SPAAWSDPGL RVPPAARAHN DNSSLGMSQP RPSPGAFPHL SSEPRTPRAF PEPGSRVPPS RLECQQALSH WLSNQVPRRA GERRCPAMAP RARSASQDRL EEVAAPRPWP CSTSQDALSQ LGQEGWHRAR SDDYLSRATR SAEALGPGAL VSPRFERCGW ASQRSSARTP ACPTRDLPGP QAPPPSGLQG LDDLGYIGYR SYSPSFQRRRT GLLHALSFRD SPFGGLPTFN LAQSPASFPP EASEPDRVVR PEPSTRALEP PAEDRGDEVV LRQKPPTGRK VQLTPARQMN LGFGDESPEP EASGRGERLG RKVAPPLATTE DSLASIPFID EPTSPSIDLQ AKHVPASAVV SSAMNSAPVL GTSPSSPTFT FTLGRHYSQD CSSIKAGRRS SYLLAITTER SKSCDDGLNT FRDEGRVLRN LPNRIPSLRM LRSFFTDGSL</p>

DSWGTSEAD APSKRHSTSD LSDATFSDIR REGWLYYKQI LTKKGGKAGS GLRQWKRVYA
ALRARSLSLS KERREPGPAA AGAAAAGAGE DEAAPVCIGS CLVDISYSET KRRHVFRLTT
ADFCEYLFQA EDRDDMLGWI RAIRENSRAE GEDPGCANQA LISKKLNDYR KVSHSSGPKA
DSSPKGSRGL GGLKSEFLKQ SAARGLRTQD LPAGSKDDSA AAPKTPWGIN IIKKNKKAAP
RAFGVRLEEC QPATENQRVP LIVAACCRIV EARGLESTGI YRVPGNNAVV SSLQEQLNRG
PGDINLQDER WQDLNVISSL LKSFFRKLPE PLFTDDKYND FIEANRIEDA RERMRTLRLK
IRDLPGHYYE TLKFLVGHLK TIADHSEKNK MEPRNLALVF GPTLVRTSED NMTDMVTHMP
DRYKIVETLI QHSDWFFSDE EDKGERTPVG DKEPQAVPNI EYLLPNIGRT VPPGDPGSDS
TTCSSAKSKG SWAPKKEPYA REMLAISFIS AVNRKRKRKRR EARGLGSSTD DDSEQEAHKP
GAGATAPGTQ ERPQGPLPGA VAPEAPGRLS PPAAPEERPA ADTRSIVSGY STLSTMDRSV
CSGASGRRAG AGDEADDERS ELSHVETDTE GAAGAGPGGR LTRRPSFSSH HLMPCDTLAR
RRLARGRPDG EGAGRGGPRA PEPPGSASSS SQESLRPPAA ALASRPSRME ALRLRLRGT
DDMLAVRLRR PLSPETRRRR SSWRRHTVVV QSPLTDLNFN EWKELGGGGP PEPAGARAHS
DNKDSGLSSL ESTKARAPSS AASQPPAPGD TGSLQSQPPR RSAASRLHQC L **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:	ARHGAP23
Alternative Name:	ARHGAP23 (ARHGAP23 Products)
Background:	Rho GTPase-activating protein 23 (Rho-type GTPase-activating protein 23),FUNCTION: GTPase activator for the Rho-type GTPases by converting them to an inactive GDP-bound state. {ECO:0000250}.
Molecular Weight:	162.2 kDa
UniProt:	Q9P227

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