

Datasheet for ABIN7564021

ARHGAP23 Protein (AA 1-1483) (His tag)



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Overview

Quantity:	1 mg
Target:	ARHGAP23
Protein Characteristics:	AA 1-1483
Origin:	Mouse
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 mammalien cells.
Sequence:	<p>MNGVAFCLVG IPPRPEPRPP QLPLGPRDGC SSGRPLPWPGRPTLLLRKSL QDGFGLRHLRHFIVYPPESAV HCILKEEENG GRGGGSPRH RLEPMDTIFV KNVKDGGAH RAGLRTGDRLVKVNgesiig KtysqVIGLI QNSDDTLELS IMPKDEDILQ LAYSQDAYLK GNEPYSGEARSIPEPPPLCY PRKTYAPPTR APAWATMVPE PISALPPDPR SPAAWSDPGS RVPSATRAHLDNSSLGMSQP RSPGAFPHL PSESRTPRAF PEGSRVLP RLECQQLSH WLSNQIPRRAGERRCPAMPP RARSASQDRLEdvtTHHPWP CSTSQDALSQ LGQEGWHRAR SDDYLSRATRSAEALGPGAL VSPRLRCGW ASQRPSARTS ACPSRDLTQA PPPSGLQGLD DIGYIGYRSYSPSFQRRTGL LHALSFRDSP FGGLPTFSLA QSPASFPEA SEPPRVVRPD PSTRALEPPAEDHRDEVVLR QKPPTGRKVQ LTPARQMN LGFGDESPEPEA RGERLGRKVA PLATTEDSLASIPFIDEPTS PSIDLQAKHV PASAVVSSAM NSAPVLGTSP SSPTTFALS RHYSQDCSSI KAGRSSYLL AITTEKSKSC DDGLNTRFDE GRVLRRLPSR VPSLRVLR SF FTDGSLDSWG</p>

TSEDADAPSK RHSTSDLSDA TFS DIRREGW LYYKQILTKK GKKAGGGLRQ WKRVYAVLRA
RSLSLSKERR EPGPAAAGAA AAGAGEDEAA PVCIGSCLVD ISYSETKRRH VFRLTTADFC
EYLFQAEDRD DMLGWIRAIR ENSRAEGEDP GCANQALISK KLNDYRKVSH SSGPKADSSP
KGSRGLGGLK SEFLKQTAVR GLRTQEQPPG SKEDSVAAPK TPWGINIIKK NKKAAPRAFG
IRLEECQPAT ENQRVPLIVA ACCRIVEARG LESTGIYRVP GNNAVVSSLQ EQLNRGPSDI
NLQDERWQDL NVISSLLKAF FRKLPEPLFT DDKYNDFIEA NRIEDSRERM KTLRKLIRD
PGHYYETLKF LVGHLKTIAD HSEKNKMEPR NLALVFGPTL VRTSEDNMTD MVTHMPDRYK
IVETLIQHSD WFFSDDDEDKG ERTPVDDKEP QSVPNIEYLL PNIGRTVPPS DPGSDSTTCS
SAKSKGSWVP KKEPYAREML AISFISAVNR KRKKRREARG LGSSTDDDSE QEAHKAAVGT
QEPPEGQLPG PAAEEAPGRL SPPTAPDERP AADTRSIVSG YSTLSTMDRS VCSGTGGRR
GAGDEADDER SELSHVETDT EGGAGPGGRL SRRPSFSSH LMPCDTLARR RLSRSRAEAE
GPGAGTARAC PRGPEPPGSA SSSSQESLRP PAAAPALGSR PSRVEALRLR LRGTADDMLA
VRLRRPLSPE TRRRRSSWRR HTVVVQSPLT DLNFNEWKEL GGGGPQESVG VRPHSDNKDS
GLSSLESTKA RASSAASLPS GDLGALQLP QRRSAAARLH QCL **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:	161.8 kDa
UniProt:	Q69ZH9

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