

Datasheet for ABIN7555221

ARHGAP5 Protein (AA 1-1502) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	ARHGAP5
Protein Characteristics:	AA 1-1502
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ARHGAP5 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ARHGAP5 Protein expressed in mammalian cells.
Sequence:	MMAKNKEPRP PSYTISIVGL SGTEKDKGNC GVGKSCLCNR FVRSKADEYY PEHTSVLSTI DFGGRVVNND HFLYWGDIIQ NSEDGVECKI HVIEQTEFID DQTFLEPHRST NLQPYIKRAA ASKLQSAEKL MYICTDQLGL EQDFEQKQMP EGKLNVDGFL LCIDVSQGCN RKFDDQLKFV NNLFVQLSKS KKPVIAATK CDECVDHYLR EVQAFASNKK NLLVVETSAR FNVNIETCFT ALVQMLDKTR SKPKIIPYLD AYKTQRQLVV TATDKFEKLV QTVRDYHATW KTVSNKLKNH PDYEEYINLE GTRKARNTFS KHIEQLKQEH IRKRREEYIN TLPRAFNTLL PNLEEIEHLN WSEALKMEK RADFQLCFVV LEKTPWDETD HIDKINDRRI PFDLLSTLEA EKVYQNHVQH LISEKRRVEM KEKFKKTELEK IQFISPGQPW EEVMCFVMED EAYKYITEAD SKEVYGRHQR EIVEKAKEEF QEMLFEHSEL FYDLDLNATP SSDKMSEIHT VLSEEPYKA LQKLAPDRES LLLKHIGFVY HPTKETCLSG QNCTDIKVEQ LLASSLLQLD HGRLRLYHDS TNIDKVNLF LGKDGLAQEL ANEIRTQSTD DEYALDGKIY ELDLRPVDAK SPYFLSQLWT AAFKPHGCFC VFNSIESLSF IGEFIGKIRT EASQIRKDKY MANLPFTLIL ANQRDSISK NLPILRHQQQQ

LANKLQCPFV DVPAGTYPRK FNETQIKQAL RGVLESVKHN LDVVSPIPAN KDLSEADLRI
VMCAMEGDPF SVDLILSPFL DSHSCSAAQA GQNNSLMLDK IIGEKRRRIQ ITILSYHSSI
GVRKDELVHG YILVYSAKRK ASMGMLRAFL SEVQDTIPVQ LVAVTDSQAD FFENEAIKEL
MTEGEHIATE ITAKFTALYS LSQYHRQTEV FTLFFSDVLE KKNMIENSYL SDNTRESTHQ
SEDVFLPSPR DCFPYNNYPD SDDDTEAPPP YSPIGDDVQL LPTPSDRSRY RLDLEGNEY
IHSTPNCHDH ERNHKVPPPI KPKPVVPTN VKKLDPNLLK TIEAGIGKNP RKQTSRVPLA
HPEDMDPSDN YAEPIDTIFK QKGYSDEIYV VPDDSQNRIK IRNSFVNNTQ GDEENGFSR
TSKSHGERRP SKYKYKSKTL FSKAKSYYRR THSDASDDEA FTTSKTKRKG RHRGSEEDPL
LSPVETWKGK IDNPAITSDQ ELDDKKMKKK THKVKEDKKQ KKKTKNFNPP TRRNWESNYF
GMPLQDLVTA EKPIPLFEK CFEFIEDTGL CTEGLYRVSG NKTDQDNIQK QFDQDHNINL
VSMEVTVNAV AGALKAFFAD LPDPLIPYSL HPELLEAAKI PDKTERLHAL KEIVKKFHPV
NYDVFRYVIT HLNRVSQHK INLMTADNLS ICFWPTLMRP DFENREFLST TKIHQSVVET
FIQQCQFFFY NGEIVETNI VAPPPSPNPQ QLVEPMVPLQ LPPPLQPQLI QPQLQTDPLG II

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.

Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	ARHGAP5
Alternative Name:	ARHGAP5 (ARHGAP5 Products)
Background:	Rho GTPase-activating protein 5 (Rho-type GTPase-activating protein 5) (p190-B),FUNCTION: GTPase-activating protein for Rho family members (PubMed:8537347). {ECO:0000269 PubMed:8537347}.
Molecular Weight:	172.5 kDa
UniProt:	Q13017
Pathways:	Regulation of Cell Size

Application Details

Application Notes:	We expect the protein to work for functional studies. 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