

Datasheet for ABIN7562048

ARHGAP42 Protein (AA 1-841) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	ARHGAP42
Protein Characteristics:	AA 1-841
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ARHGAP42 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Arhgap42 Protein expressed in mammalian cells.
Sequence:	MGLPTLEFSD SYLDSPDFRE RLQCHEIELE RTNKFIKELL KDGSLIGAL RNLSMAVQKF SQSLQDFQFE CIGDAETDDE ISIAQSLKEF ARLLIAVEEE RRRLIQNAND VLIAPLEKFR KEQIGAAKAD SQIGREHQNF YEASLEYVFK IQEVQEKKKF EFVEPLLSFL QGLFTFYHEG YELAQEFAPY KQLQFNLQN TRNNFESTRQ EVERLMQRMK SANQDYRPPS QWTMEGYLYV QEKRPLGFTW TKHYCTYDKG SKMFTMSVSD VKASGKMNGL VTGSPPEMFKL KSCIRRKTD IDKRFCFDIE VVERHGIITL QAFSEANRKL WLEAMDGKEP IYTLPAISK KEEMYLNEAG FNFVRKCIQA VEMRGITILG LYRIGGVNSK VQKLMNTTFS PKSPDMDID IELWDNKTIT SGLKNYLRCL AEPLMTYKLH KDFIIAVKSD DQNYRVEAVH ALVHKLPEKN REMLDILIKH LLKVSLSHQQ NLMTISNLGV IFGPTLMRAQ EETVAAMMNI KFQNIIVVEIL IEHYEKIFHT APDPNIPLPQ PQSRGSRRT RAICLSTGSR KPRGRYTPCL AEPDSDSYSS SPDSTPMGSI ESLSSHSEQ NSTTKSTACQ PREKSGGIPW ITPSSSNGQ KSQGLWTTSP ESSSREDATK TDVESDCQSV ASITIPGNVS PPIDLKVKGP YGLSGLKRSS ASSSLRSISA AEGNKSYSGS

Product Details

IQSLTSIGSK ESPKAIPNPE LPPKMCRRRLR LDTASSNGYQ RPGSVVAAKA QLFENAGSPK
PVSSGRQAQA MYSCKAEHSH ELSFPQGAIF SNVHPSVEPG WLKATYEGRT GLVPENYVVF 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.

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: ARHGAP42

Alternative Name: Arhgap42 ([ARHGAP42 Products](#))

Background: Rho GTPase-activating protein 42 (Rho-type GTPase-activating protein 42),FUNCTION: May influence blood pressure by functioning as a GTPase-activating protein for RHOA in vascular smooth muscle. {ECO:0000269|PubMed:24335996}.

Molecular Weight: 94.6 kDa

UniProt: [B2RQE8](#)

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
