

Datasheet for ABIN7562132
ARHGAP40 Protein (AA 1-672) (His tag)



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Overview

Quantity:	1 mg
Target:	ARHGAP40
Protein Characteristics:	AA 1-672
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ARHGAP40 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Arhgap40 Protein expressed in mammalian cells.
Sequence:	MTEPSLLPAA KMEGLALLPL TSPCPRIPRA RISRQPGRWA HLGCSPLST GPTNLQHPQ KPRPADCSHS RLSWAESLSM DGFWMEVERI QQRAEVKKEG CGEGRSQLE GDTEQWLQD TGLSGLAGGL GLDGDHQGLL STLTQTQVAA VCRRLDIYAR SARRRQKAPV RDVRDIFGVF TSRELAPENG VSGMKWTKIN SEDSASPLRS AEPGGPQELA GMEEVFNMDS AYSEQAALL QRAWSPGGT TAWGKGPLPR FRIPKGR LGV TRIGDLSSRD MKKIPPLALI ELTALYDILG LDLKRCKGGK WKGPDGLFG VPLHSLLEAD HRVFPSTQVP LLLQALLSCL EKRGDLTEGI LRVPGSQARV KGLEQKLERD FYAGLVSWDK VHPNDASDLL KRFLRKL PVP LLTAEYLP AF ASVPDIPDLK QRLQALHLLV LLLPEPNRNT LKALLEFLRK VAAQEQHNKM TLWNVSTVMV PSLFLPRGRP PKLTGGKQL AEGAAEVVCM MVQYQDLLWT VASFLVAQVR KLND SNGRRS QLCDGGLKTW LWRTHVDRDK AGEGLEATPK VAKIQVQATW PSMDLLQVPL NPSTRVTHVL KLFTEHLNPG SQPEEGSENP NSLLSHNTKP VTFVLYEVGG NIGERRLPD AYLLDLYRAN PHGEWVIRQS PT Sequence without tag. The proposed Purification-Tag is based on

Product Details

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: ARHGAP40

Alternative Name: Arhgap40 ([ARHGAP40 Products](#))

Background: Rho GTPase-activating protein 40 (Rho-type GTPase-activating protein 40),FUNCTION: GTPase activator for the Rho-type GTPases by converting them to an inactive GDP-bound state. {ECO:0000250}.

Molecular Weight: 74.3 kDa

UniProt: [E9Q6X9](#)

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
