

Datasheet for ABIN7551352
ARHGAP12 Protein (AA 1-846) (His tag)



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Overview

Quantity:	1 mg
Target:	ARHGAP12
Protein Characteristics:	AA 1-846
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ARHGAP12 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat ARHGAP12 Protein expressed in mammalian cells.
Sequence:	MKMADRSVKI IPGQVYIEVE YDYEYEAADR KIVIKQGERY ILVKKTNDDW WQVKPDENSK AFYVPAQYVK EVTRKALMPP VKQVAGLPNN STKIMQSLHL QRSTENVNKL PELSSFGKPS SSVQGTGLIR DANQNFGPSY NQGQTVNLSL DLTHNNGKFN NDSHSPKVSS QNRTRSFQHF PGPEFLDVEK TSFSQEQSCD SAGEGSEIRH QDSESGDELS SSSTEQIRAT TPPNQGRPDS PVYANLQELK ISQSALPLP GSPAIQINGE WETHKDSSGR CYYYNRGTQE RTWKPPRWTR DASISKGDFQ NPGDQELLSS EENYYSTSYS QSDSQCGSPP RGWSEELDER GHTLYTSDYT NEKWLKHVDD QGRQYYYSAD GSRSEWELPK YNASSQQQRE IIKRSLDRR LQEPVLTWKW RHSTIVLDTN DKESPTASKP CFPENESSPS SPKHQDTASS PKDQEKYGLL NVTKIAENK KVRKNWLSSW AVLQGSLLF TKTQGSSTSW FGSNQSKPEF TVDLKGATIE MASKDKSSKK NVFELKTRQG TELLIQSDND TVINDWFKVL SSTINNQAVE TDEGIEEIP DSPGIEKHDK EKEQKDPKKL RSKVSSIDS SEQKKTCKNL KKFLTRRPTL QAVREKGYIK DQVFGSNLAN

Product Details

LCQRENGTVP KFKVLCIEHV EEHGLDIDGI YRVSGNLAVI QKLRFAVNHD EKLDLNDKSW
EDIHVITGAL KMFFRELPEP LFTFNHFNDF VNAIKQEPRQ RVAAVKDLIR QLPKPNQDTM
QILFRHLRRV IENGEKNRMT YQSIAIVFGP TLLKPEKETG NIAVHTVYQN QIVELILLEL SSIFGR

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:

ARHGAP12

Alternative Name:

ARHGAP12 ([ARHGAP12 Products](#))

Background:

Rho GTPase-activating protein 12 (Rho-type GTPase-activating protein 12),FUNCTION: GTPase activator for the Rho-type GTPases by converting them to an inactive GDP-bound state. {ECO:0000250}.

Molecular Weight:

96.3 kDa

UniProt:

[Q8IWW6](#)

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
