

Datasheet for ABIN7560069

ARHGEF3 Protein (AA 1-524) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	ARHGEF3
Protein Characteristics:	AA 1-524
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ARHGEF3 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Arhgef3 Protein expressed in mammalien cells.
Sequence:	MVAKDYPFYL TVKRANCSLE APLGSGVAKD EEPSNKRKVP LSRVTSANL IPPVKTTPLK RFSQTLQRSI SFRSESRPDI LAPRAWRNA TSSSTKRRDS KLWSETFDVC VNQVLTAKI KRQEAIFELS QGEEDLIEDL KLAKKAYHDP MLKLSIMTEQ ELNQIFGTLD SLIPLHEELL SQLRDVRKPD GSTEHVGPIL VGWLPCLSSY DSYCSNQVAA KALLDHKKQD HRVQDFLQRC LESPFSRKLD LWNFLDIPRS RLVKYPLLLR EILRHTPNDN PDQQHLEEAI NIIQGIVAEI NKTGGESECR YYKERLLYLE EGQKDSLIDS SRVLCCHGEL KNNRGVKLHV FLFQEVLVIT RAVTHNEQLC YQLYRQPIPV KDLTLEDLQD GEVRLGGSLR GAFFSNNERVK NFFRVSFKNG SQSQTHSLQA NDTFNKQQWL NCIRQAKETV LSAAGQAGLL DSEGLVQGGP TENREPQGET KLEQMDQSDS ESDCSMDTSE VSLECERMEQ TDASCANSRP EESV 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

Product Details

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:

ARHGEF3

Alternative Name:

Arhgef3 ([ARHGEF3 Products](#))

Background:

Rho guanine nucleotide exchange factor 3,FUNCTION: Acts as a guanine nucleotide exchange factor (GEF) for RhoA and RhoB GTPases. {ECO:0000269|PubMed:11839749}.

Molecular Weight:

59.5 kDa

UniProt:

[Q91X46](#)

Pathways:

[Neurotrophin Signaling Pathway](#)

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.

Application Details

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