

Datasheet for ABIN7558955

## ARHGEF19 Protein (AA 1-802) (His tag)



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### Overview

Quantity:	1 mg
Target:	ARHGEF19
Protein Characteristics:	AA 1-802
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ARHGEF19 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

### Product Details

Purpose:	Custom-made recombinat Arhgef19 Protein expressed in mammalian cells.
Sequence:	<p>MDCGPPATLQ PHLAGPPGTA RRPVAVCQQE SLSFVELPPS RLCVDLFPIA PEELQAPGSR</p> <p>WSLATPAPLQ GLLWPTSPGG PDTHIASTSG GMRPGRAGSW PHCPGAQPPT LVEPWSSQHM</p> <p>QPQRRASHSG SEKSAWRKMQ VYHNEEATGT ETPTGLLETG QAAQEALCA LEPGPQELSG</p> <p>NARGGLEAPE RRRFSASELM TRFHSSRLRG RSTATRVLTG GSGAGAIREG KLPVRESRRA</p> <p>ETRADSVSLP GPVDLNEVHG GLVEPRLDQ DKPTQDPSSA TERRQSRFLN NSVLYQEYSD</p> <p>VASARELRRQ QREEEGPGDG AEGAEEGPGP PRANLSPSSS FRAQRSTRGS TFSWLQDIPD</p> <p>VRGSGVLATL SLRDCKLQEA KFELITSEAS YIHSLSVAVG HFLGSVELSE CLGTQDKQWL</p> <p>FSKLPEVKST SERFLHDLEQ RLEADVLRFS VCDVVLHHCP AFRRVYLPYV TNQAYQERTY</p> <p>QRLLENPKF PGILARLEES PVCQRLPLTS FLILPFQRTV RLKMLVENIL KRTAPGSQDE</p> <p>DMATKAFSAL KELVQECNAS VQSMKRTEEL IHLSSKIHFE GKIFPLISQA RWLVVRHGLV</p> <p>ELAPLPAAPP AKLKLSSKAV YLHLFNDCLL LSRRKELGKF AVFVHANMAE LQVRDLSLKL</p>



QGIPGHVFL RLLHGQRARH QLLLRARTES EKQRWISALR PSSPQEDKEI TCDGEDRPQV  
QCVRTYKALQ PDELTLEKTD ILAVKTRTSD GWLEGVRLAD GEKGWVPQAH VVEISSLSAR  
LRNLREYKRV SNASSKLGDP PA **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:	ARHGEF19
Alternative Name:	Arhgef19 ( <a href="#">ARHGEF19 Products</a> )
Background:	Rho guanine nucleotide exchange factor 19 (Ephexin-2) (Weakly similar to Rho GEF 5),FUNCTION: Acts as a guanine nucleotide exchange factor (GEF) for RhoA GTPase. {ECO:0000269 PubMed:15485661}.
Molecular Weight:	88.9 kDa
UniProt:	<a href="#">Q8BWA8</a>



## 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.
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Restrictions:	For Research Use only
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## 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