

Datasheet for ABIN7552319

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



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### Overview

Quantity:	1 mg
Target:	ARHGEF19
Protein Characteristics:	AA 1-802
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ARHGEF19 protein is labelled with His tag.

### Product Details

Purpose:	Custom-made recombinant ARHGEF19 Protein expressed in mammalian cells.
Sequence:	<p>MDCGPPATLQ PHLTGPPGTA HHPVAVCQQE SLSFAELPAL KPPSPVCLDL FPVAPEELRA</p> <p>PGSRWSLGTP APLQGLLWPL SPGGSDTEIT SGGMRPSRAG SWPHCPGAQP PALEGPWSPR</p> <p>HTQPQRRASH GSEKKSARWK MRVYQREEVP GCPEAHAVFL EPGQVVQEQALSTEEPVEL</p> <p>SGSTRVSLEG PERRRFSASE LMTRLHSSLR LGRNSAARAL ISGSGTGAAR EGKASGMear</p> <p>SVEMSGDRVS RPAPGDSREG DWSEPRLDTP EEPPLGSRST NERRQSRFLL NSVLYQEYSD</p> <p>VASARELRRQ QREEEGPGDE AEGAEEGPGP PRANLSPSSS FRAQRSARGS TFSLWQDIPD</p> <p>VRGSGVLATL SLRDCKLQEA KFELITSEAS YIHSLSVAVG HFLGSAELSE CLGAQDKQWL</p> <p>FSKLPEVKST SERFLQDLEQ RLEADVLRFS VCDVVDHCP AFRRVYLPYV TNQAYQERTY</p> <p>QRLLENPRF PGILARLEES PVCQRLPLTS FLILPFQRIT RLKMLVENIL KRTAQSGEED</p> <p>DMATKAFNAL KELVQECNAS VQSMKRTEEL IHLSKKIHFE GKIFPLISQA RWLVVRHGEVL</p> <p>ELAPLPAAPP AKLKLSSKAV YLHLFNDCLL LSRRKELGKF AVFVHAKMAE LQVRDLSLKL</p> <p>QGIPGHVFLL QLLHGQHMKH QFLLRARTES EKQRWISALC PSSPQEDKEV ISEGEDCPQV</p>

## Product Details

QCVRTYKALH PDELTLEKTD ILSVRTWTSD GWLEGVRLAD GEKGWVPQAY VEEISSLSAR  
LRNLRENKRV TSATSKLGEA PV **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:** ARHGEF19

**Alternative Name:** ARHGEF19 ([ARHGEF19 Products](#))

**Background:** Rho guanine nucleotide exchange factor 19 (Ephexin-2),FUNCTION: Acts as a guanine nucleotide exchange factor (GEF) for RhoA GTPase. {ECO:0000250}.

**Molecular Weight:** 89.2 kDa

**UniProt:** [Q8IW93](#)

## 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