

Datasheet for ABIN7559572

## ARHGEF6 Protein (AA 1-771) (His tag)



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### Overview

Quantity:	1 mg
Target:	ARHGEF6
Protein Characteristics:	AA 1-771
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ARHGEF6 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

### Product Details

Purpose:	Custom-made recombinat Arhgef6 Protein expressed in mammalien cells.
Sequence:	<p>MNPEERLVTW LISLGVLESP KKTVCDPEEF LKSSLKNGVV LCKLINRLLP GSVEKYCLEP  QTEADCIDNI NDFLKGATL QVEVFEPDDL YSGANFSKVL NTLLAVNKAT EDQLSERPCG  RSSLSAATS SQTNPQVAVP STAPEQHSEE KAEMTENGSH QLIVKARFNF KQTNEDELSV  CKGDIIVVTR VEEGGWWEWT LNGRTGWFPS NYVREIKPSE RPLSPKAIKG FDTAPLTKNY  YTVVLQNILD TEKEYAKELQ SLLVTYLRPL QSNNNLSTVE FTCLLGNFEE VCTFQQTLCQ  ALEECSKFPE NQHKVGGCLL NLMPHFKSMY LAYCANHPSA VNVLTQHSDD LERFMENQGA  SSPGILILTT SLSKPFMRLE KYVTLLQELE RHMEDTHPDH QDILKAIIF KTLMGQCQDL  RKRKQLELQI LSEPIQAWEG DDIKTLGNVI FMSQVVMQHG ACEEKEERYF LLFSSVLIML  SASPRMSGFM YQGKIPIAGM VVNRLEIEG SDCMFEITGS TVERIVVHCN NNQDFQEWME  QLNRLTKGPT SCGSLSKTSS SSCSTHSSFS STGQPRGPLE PPQIIPWSL SCLRPAPPLR  PSAALGYKER MSYILKESSK SPKTMKKFLH KRKTERKASE EEVIRKSTA ALEEDAQILK</p>

## Product Details

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VIEAYCTSAS FQQGTRKDSV PQVLLPEEEK LIIETRNSNG QTIIEEKSLV DTVYALKDEV  
KELKQENKKM KQCLEELKLS RKDLEKLVK LKQTDECIR SESSSKTSIL Q **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.**

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### 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.

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### Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

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### Grade:

custom-made

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## Target Details

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### Target:

ARHGEF6

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### Alternative Name:

Arhgef6 ([ARHGEF6 Products](#))

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### Background:

Rho guanine nucleotide exchange factor 6 (Alpha-PIX) (Rac/Cdc42 guanine nucleotide exchange factor 6),FUNCTION: Acts as a RAC1 guanine nucleotide exchange factor (GEF). {ECO:0000250}.

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### Molecular Weight:

87.1 kDa

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### UniProt:

[Q8K4I3](#)

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### Pathways:

[Neurotrophin Signaling Pathway](#)

## Application Details

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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

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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