

Datasheet for ABIN7552380  
**ARHGEF3 Protein (AA 1-526) (His tag)**



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## Overview

Quantity:	1 mg
Target:	ARHGEF3
Protein Characteristics:	AA 1-526
Origin:	Human
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 LPPASGPAKD AEEPSNKRVK PLSRVTS LAN LIPPVKATPL KRFSQTLQRS ISFRSESRPD ILAPRPWSRN AAPSTKRRD SKLWSETFDV CVNQMLTSKE IKRQEAIFEL SQGEEDLIED LKLAKKAYHD PMLKLSIMTE QELNQIFGTL DSLIPLHEEL LSQLRDVRKP DGSTEHV GPI LVGWLPCLSS YDSYCSNQVA AKALLDHKKQ DHRVQDFLQR CLESPFSRKL DLWNFLDIPR SRLVKYPLLL REILRHTPN D NPDQQHLEEA INIIQGIVAE INTKTGESEC RYKERLLYL EEGQKDSLID SSRVLCCHGE LKNNRGVKLH VFLFQEV LVI TRAVTHNEQL CYQLYRQPIP VKDLLLEDLQ DGEVRLGGSL RGAFSNNERI KNFFRV SFKN GSQSQTHSLQ ANDTFNKQW LNCIRQAKET VLCAAGQAGV LDSEGSFLNP TTGSRELQGE TKLEQMDQSD SESDCSMDTS EVSLDCERME QT DSSCGNSR HGESNV <b>Sequence without tag.</b> <b>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</b>

## Product Details

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### 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.

#### Purity:

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

#### Grade:

custom-made

## Target Details

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#### Target:

ARHGEF3

#### Alternative Name:

ARHGEF3 ([ARHGEF3 Products](#))

#### Background:

Rho guanine nucleotide exchange factor 3 (Exchange factor found in platelets and leukemic and neuronal tissues) (XPLN),FUNCTION: Acts as a guanine nucleotide exchange factor (GEF) for RhoA and RhoB GTPases. {ECO:0000269|PubMed:12221096}.

#### Molecular Weight:

59.8 kDa

#### UniProt:

[Q9NR81](#)

#### 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

## Application Details

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guarantee though.

Restrictions: For Research Use only

## Handling

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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