

Datasheet for ABIN7552237

ARHGEF6 Protein (AA 1-776) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	ARHGEF6
Protein Characteristics:	AA 1-776
Origin:	Human
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 mammalian cells.
Sequence:	<p>MNPEEQIVTW LISLGVLESP KKTICDPEEF LKSSLKNGVW LCKLINRLMP GSVEKFCLDP QTEADCINNI NDFLKGATL QVEIFDPDDL YSGVNFASKVL STLLAVNKAT EDQLSERPCG RSSLSAANT SQTNPQGAVS STVSGLQRQS KTVEMTENG HQLIVKARFN FKQTNEDELS VCKGDIYVT RVEEGGWEG TLNGRTGWFP SNYVREIKSS ERPLSPKAVK GFETAPLTKN YYTVLQNIL DTEKEYAKEL QSLLVTYLRP LQSNNNLSTV EVTSLLGNFE EVCTFQQTLC QALEECSKFP ENQHKVGGCL LSLMPHFKSM YLAYCANHPS AVNVLTQHSD ELEQFMENQG ASSPGILILT TNLSKPFMRL EKYVTLLQEL ERHMEDTHPD HQDILKAIVA FKTLMGQCQD LRKRKQLELQ ILSEPIQAWG GEDIKNLGNV IFMSQVMVQY GACEEKEERY LMLFSNVLIM LSASPRMSGF IYQGGKIPIAG TVVTRLDEIE GNDCTFEITG NTVERIVVHC NNNQDFQEWL EQLNRLIRGP ASCSSLSKTS SSSCSAHSSF SSTGQPRGPL EPPQIIKPSW LSCLRPAPPL RPSAALGYKE RMSYILKES KSPKTMKKFL HKRKTERKPS EEEYVIRKST AALEEDAQIL</p>

Product Details

KVIEAYCTSA NFQQGHGSST RKDSIPQVLL PEEKLIIEE TRSNGQTIME EKSLVDTVYA

LKDEVRELKQ ENKRMKQCLE EELKSRRDLE KLVRRLLKQT DECIRGESSS KTSILP **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:

ARHGEF6

Alternative Name:

ARHGEF6 ([ARHGEF6 Products](#))

Background:

Rho guanine nucleotide exchange factor 6 (Alpha-Pix) (COOL-2) (PAK-interacting exchange factor alpha) (Rac/Cdc42 guanine nucleotide exchange factor 6),FUNCTION: Acts as a RAC1 guanine nucleotide exchange factor (GEF).

Molecular Weight:

87.5 kDa

UniProt:

[Q15052](#)

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.

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
