

Datasheet for ABIN7561886
ARHGAP27 Protein (AA 1-869) (His tag)



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Overview

Quantity:	1 mg
Target:	ARHGAP27
Protein Characteristics:	AA 1-869
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ARHGAP27 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Arhgap27 Protein expressed in mammalien cells.
Sequence:	MAADVEGDVY VLVEHPFEYT GKDGRRIAIQ PNERYRLLRR STEHWWHVRR EPGGRPFYLP AQYVRELPAL GDPAPAPQPS VPQQRPAVPE PLAYDYRFVS TPVGADGSSA EPRGRASSLC GPARQRTGGQ RNSLAPGGPA CLYVRPAAPV RPAQSLDDLA RGGTAPPAGL LGSAGHFKAS SVAGSWVCPR PLAPSDSENV YEAIPLRCP PRAESPKQVD DPPEPVYANV ERQPRATSPR SAAAPPRLSP VWETHDTGT GRPYYYNPDV GVTTWESPFE TPEGTTSPAT SRASVSGGES LETEWGQYWD EESRRVFFYN PLTGETAWED ETEELEEDHQ EQLEMQPSLS PRSPGQQRPP TPETDYPELL ASYPEEDYSP VGSFSDPGA SPLVAPPGWS CQITPDQML YTNQFTQEQW VRLEDQHGKP YFYNPEDSSV QWELPQVIP APRSVRKSSQ DSDTPAQASP PEEKIKTLDK AGVLHRTKTV DKGKRLRKKH WSTSWTVLEG GVLTFKDSK TSAAGGLRQP SKLSTPEYTV ELKGASLSWA PKDKSSKKNV LELRSRDGSE YLIQHDSEAI ISTWHKAI AE GISELSADLL QGEEGEPSSA DFGSSERLGS WREEDVRQNA ASPSLSPGGL ESDLRVRHK LRKFLQRPT

Product Details

LQSLRDKGYI KDQVFGCALA QLCERERSPV PRFVQQCIRT VEARGLDIDG LYRISGNLAT
IQKLRYKVDH DERLDLDDGR WEDVHVITGA LKLFFRELPE PLFPFSHFHQ FIAAIKLQDP
AQRSRCVRDL VRTLPAQNQD TLRLLIQHLC RVIEHGEQNR MTVQNVAIVF GPTLLRPEME
EASMPMTMVF QNQVVELILH QCADIFPPH **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:

ARHGAP27

Alternative Name:

Arhgap27 ([ARHGAP27 Products](#))

Background:

Rho GTPase-activating protein 27 (CIN85-associated multi-domain-containing Rho GTPase-activating protein 1) (Rho-type GTPase-activating protein 27),FUNCTION: Rho GTPase-activating protein which may be involved in clathrin-mediated endocytosis. GTPase activators for the Rho-type GTPases act by converting them to an inactive GDP-bound state. Has activity toward CDC42 and RAC1 (By similarity). {ECO:0000250}.

Molecular Weight:

97.0 kDa

Target Details

UniProt: [A2AB59](#)

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