

Datasheet for ABIN7558144
GRAF Protein (AA 1-814) (His tag)



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Overview

Quantity:	1 mg
Target:	GRAF (ARHGAP26)
Protein Characteristics:	AA 1-814
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GRAF protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Arhgap26 Protein expressed in mammalien cells.
Sequence:	<p>MGLPALEFSD CCLDSPHFRE TLKSHEAELD KTNKFIKELI KDGKSLISAL KNLSSAKRKF ADSLNEFKFQ CIGDAETDDE MCIARSLQEF AAVLRNLEDE RSRMIENASE VLITPLEKFR KEQIGAAREA KKKYDKETEK YCGTLEKHLN LSSKKKESQL QEADSQVDLV RQHFYEVLSLE YVFKVQEVQE RKMFEFVEPL LAFLOGLFTF YHHGYELAKD FGDFKTQLTI SIQNTRNRFE GTRSEVESLM KKMKENPLEH KTISPYTMEG YLYVQEKRFH GTSWVKHYCT YQRDSKQITM VPFQKSGGK GGEDESVTLK SCTRRTDSI EKRFCDVEA VDRPGVITMQ ALSEEDRRLW MEAMDGREPV YNSNRDSQSE GTAQLDSIGF SIIRKCIHAV ETRGINEQGL YRIVGVNSRV QKLLSVLMDP KAASETETDI CAWEIKTVT SALKTYLRML PGPLMMYQFQ RSFIKAAKLE NQETRVSEIH SLVHRLPEKN RQMLQLLMNH LANVANNHKQ NLMTVANLGV VFGPTLLRPQ EETVAAIMDI KFNQIVIEIL IENHEKIFNT VPDVPLTNAQ LHLSRKKSSD SKPPSCSKRP LTLFHAVPST EKQEQRNSII NSSLESVSSS ANSILNSSSS LQPNLNSSDS NLDVVKPSRP</p>

Product Details

SSLPPNPSPT SPLSPSWPMF SAPSSPMPTS STSSDSSPIR SVAGFVWFSV AAVVLSLAWS
SLHAVFSLLV NFVPCHPNLH LLFDRPEEAV REDSSTPFRK AKALYACQAE HDSELSFTAG
TVFDNVHPSQ EPGWLEGTLN GKTGLIPENY VEFL **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:

GRAF (ARHGAP26)

Alternative Name:

Arhgap26 ([ARHGAP26 Products](#))

Background:

Rho GTPase-activating protein 26 (Rho-type GTPase-activating protein 26),FUNCTION: GTPase-activating protein for RHOA and CDC42 (By similarity). Associates with MICAL1 on the endosomal membrane to promote Rab8-Rab10-dependent tubule extension. After dissociation of MICAL1, recruits WDR44 which connects the endoplasmic reticulum (ER) with the endosomal tubule, thereby participating in the export of a subset of neosynthesized proteins (By similarity). {ECO:0000250|UniProtKB:Q5ZMW5, ECO:0000250|UniProtKB:Q9UNA1}.

Molecular Weight:

92.1 kDa

Target Details

UniProt: [Q6ZQ82](#)

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