

Datasheet for ABIN7551489

RAP1GAP Protein (AA 1-663) (His tag)



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Overview

Quantity:	1 mg
Target:	RAP1GAP
Protein Characteristics:	AA 1-663
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RAP1GAP protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat RAP1GAP Protein expressed in mammalian cells.
Sequence:	<p>MIEKMQGSRM DEQRCSFPPP LKTEEDYIPY PSVHEVLGRE GPFPLILLPQ FGGYWIEGTN</p> <p>HEITSIPETE PLQSPTTKVK LECNPTARIY RKHFLGKEHF NYYSLDAALG HLVFSLKYDV</p> <p>IGDQEHLRLL LRTKCRTHYD VIPISCLTEF PNVVQMAKLV CEDVNVDRFY PVLYPKASRL</p> <p>IVTFDEHVIS NNFKFGVIYQ KLGQTSEEL FSTNEESPAF VEFLEFLGQK VKLQDFKGFR</p> <p>GGLDVTHGQT GTESVYCNR NKEIMFHVST KLPYTEGDAQ QLQRKRHIGN DIVAVVFQDE</p> <p>NTPFVPMIA SNFLHAYVVV QAEGGGPDGP LYKVSVTARD DVPFFGPPLP DPAVFRKGPE</p> <p>FQEFLLTKLI NAEYACYKAE KFAKLEERTR AALLETLYEE LHIHSQSM MG LGDEDKMN</p> <p>GSGGGGFFES FKRVIKRSRQ SMDAMGLSNK KPNTVSTSHS GSFAPNNPD L AKAAGISLIV</p> <p>PGKSPTRKKS GPFGRSRSSA IGIENIQEVQ EKRESPPAGQ KTPDSGHVSQ EPKSENSSTQ</p> <p>SSPEMPTTKN RAETAAQRAE ALKDFSRSSS SASSFASVVE ETEGVDGEDT GLESVSSSGT</p> <p>PHKRDSFIYS TWLEDSVSTT SGGSSPGPSR SPHPDAGKLG DPACPEIKIQ LEASEQHMPQ LGC</p>

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:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	RAP1GAP
Alternative Name:	RAP1GAP (RAP1GAP Products)
Background:	Rap1 GTPase-activating protein 1 (Rap1GAP) (Rap1GAP1),FUNCTION: GTPase activator for the nuclear Ras-related regulatory protein RAP-1A (KREV-1), converting it to the putatively inactive GDP-bound state. {ECO:0000269 PubMed:15141215}.
Molecular Weight:	73.4 kDa
UniProt:	P47736

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
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Application Details

	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