

Datasheet for ABIN7551546

RAP1GAP2 Protein (AA 1-730) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	RAP1GAP2
Protein Characteristics:	AA 1-730
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RAP1GAP2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat RAP1GAP2 Protein expressed in mammalian cells.
Sequence:	<p>MFGRKRSVSF GGFGWIDKTM LASLKVKKQE LANSSDATLP DRPLSPPLTA PPTMKSSSEFF</p> <p>EMLEKMQGIK LEEQKPGPQK NKDDYIPYPS IDEVVEKGGP YPQVILPQFG GYWIEDPENV</p> <p>GTPTSLGSSI CEEEEEDNLS PNTFGYKLEC KGEARAYRRH FLGKDHLNFY CTGSSLGNLI</p> <p>LSVKCEEAEG IEYLRVILRS KLKTVHERIP LAGLSKLPSV PQIAKAFCD AVGLRFNPVL</p> <p>YPKASQMIVS YDEHEVNNTF KFGVIYQKAR QTLEELFGN NEESPAFKEF LDLLGDTITL</p> <p>QDFKGRGGL DVTHGQTGVE SVYTTFRDRE IMFHVSTKLP FTDGDAQQLQ RKRHIGNDIV</p> <p>AIIFQEENTP FVPDMIASNF LHAYIVVQVE TPGTETPSYK VSVTAREDVP TFGPPLSPSP</p> <p>VFQKGPEFRE FLLTKLTNAE NACCKSDKFA KLEDRTAAL LDNLHDELHA HTQAMLGLGP</p> <p>EEDKFENGGH GGFLESFKRA IRVRSHSMET MVGGQKKS HS GGIPGSLSGG ISHNSMEVTK</p> <p>TTFSPPVVA TVKNQSRSPI KRRSGLFPRL HTGSEGQGDS RARCDSTSST PKTPDGGHSS</p> <p>QEISETSSN PSSPEICPNK EKPFMKLKEN GRAISRSSSS TSSVSSTAGE GEAMEEGDSG</p>

Product Details

GSQPSTTSPF KQEVFVYSPS PSSEPSLGA AATPIIMSRP PTDKSRNSP RSNLKFRFDK
LSHASSGAGH **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>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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Target Details

Target:	RAP1GAP2
Alternative Name:	RAP1GAP2 (RAP1GAP2 Products)
Background:	<p>Rap1 GTPase-activating protein 2 (Rap1GAP2) (GTPase-activating Rap/Ran-GAP domain-like protein 4),FUNCTION: GTPase activator for the nuclear Ras-related regulatory protein RAP-1A (KREV-1), converting it to the putatively inactive GDP-bound state.</p> <p>{ECO:0000269 PubMed:15632203}.</p>
Molecular Weight:	80.1 kDa
UniProt:	Q684P5

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.
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Restrictions:	For Research Use only
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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