

Datasheet for ABIN7557543

RAP1GAP2 Protein (AA 1-712) (His tag)



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Overview

Quantity:	1 mg
Target:	RAP1GAP2
Protein Characteristics:	AA 1-712
Origin:	Mouse
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>MLAGLKVKKQ ELANSSDVTI PDRPLSPPLT APPTMKSAEF FEMLEKMQGI KLEEQRPGPQ</p> <p>KNKDDYIPYP SIDEVVEKGG PYPLIILPQF GGYWIEDPEN VGTPTSLGSS VYEEEEEDSL</p> <p>SPNTFGYKLE CRGEARAYRR HFLGKDHLNF YCTGSSLGNL ILSIKCEEAE GMEYLRILR</p> <p>SKLKTVERI PLAGLSKLPS VPQIAKAFCD DAVGLKFNPV LYPKASQMIV SYDEHDVNNNT</p> <p>FKFGVIYQKA RQTL EEELFG NNEESPAFKE FLDLLGDTIT LQDFKGFRGG LDVTHGQTGV</p> <p>ESVYTTFRDR EIMFHVSTKL PFTDGD TQQL QRKRHIGNDI VAIIFQEENT PFVPMIASN</p> <p>FLHAYIVVQA DNPGETETPSY KVSVTAREDV PAFGPPLPSP PVFQKGAEFR EFLTLKLTNA</p> <p>ENACCKSDKF AKLEDRTAA LLDNLHDELH THTQVMLGMG PEEDKFENG GGGFLESFKR</p> <p>AIRVRSHSME TMVGSQRKLH GGNLPGSLSG GIVHNSMEVT KTTFSPPVAA ATAKNQSRSP</p> <p>IKRRSGLFPR LHS GSEGQGD SRTRCDSASS TPKTPDGGHS SQEIKSETSS NPSSPEICPN</p> <p>KEKPIKLKE NGRANISRSS SSTSSFSSTA GEGEAMEECD SGSSQPSTTS PFKQEVFAYS</p>

PSPSSSEPSL GAAATPIIMS RSPTDAKSRN SPRSNLKFRF DKLSHASSSA GH **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:	RAP1GAP2
Alternative Name:	Rap1gap2 (RAP1GAP2 Products)
Background:	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. {ECO:0000250}.
Molecular Weight:	78.3 kDa
UniProt:	Q5SVL6

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies
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Application Details

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