

Datasheet for ABIN7557878

RAPGEFL1 Protein (AA 1-662) (His tag)



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Overview

Quantity:	1 mg
Target:	RAPGEFL1
Protein Characteristics:	AA 1-662
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RAPGEFL1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Rapgef11 Protein expressed in mammalien cells.
Sequence:	<p>MKPLEKFLKK QTSQLAGRAV TGGPGGGPGC CGGPGGGGGP GGGGGPAGGL RPLQRRQSVS</p> <p>RLLLPAFLRE PPTEPGLEPP VEEEGGEPLG VSEEPGSGGP CWLQLEEVPG PGPIGSGVPL</p> <p>RSPSSYSSDE LSPGEPLASP PWAPLGAPER PEHLLNRVLE RLAGGTTRDS SASDILLDDI</p> <p>VLTHSLFLPT EKFLQELHQY FVQSRNVEGP EGLGRKQACL ALLHFLDTY QGLLQEEEGA</p> <p>GHIKELYLL IMKDESLYQD LREDTLRLHQ LVETVELKIP EESQPPSKQV KPLFRHFRR</p> <p>DSCLQTRVAF RGSDEIFCRV YMPDHSYVTI RSRLSASVQD ILGSVTEKLQ YSEEPARED</p> <p>ALILVAVASS GEKVLLQPTD DCVFTTLGIN SHLFACTRDS YEALVPLPEE VQVSPGDTEI</p> <p>HRVEPEDVAN HLTAFWELF RCVHELEFVD YVFHGERGRR ETANLELLLQ RCSEVTHWVA</p> <p>TEVLLCEAPG KRVQLLKKFI KIAAICKQNK DLLSFYAVVM GLDNAAVSRL RLTWEKLPKG</p> <p>FKNLFRKFEG LTDPCRNHKS YREVISKMKP PLIPFVPLIL KDLTFLHEGS KTLVDGLVNI</p> <p>EKLHSAEKV RTIRKYRSRP LCLDMEASPH HLQTKAYVRQ FQVIDNQNLH FELSYKLEAN SQ</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:	RAPGEFL1
Alternative Name:	Rapgef1 (RAPGEFL1 Products)
Background:	Rap guanine nucleotide exchange factor-like 1,FUNCTION: Probable guanine nucleotide exchange factor (GEF).
Molecular Weight:	73.7 kDa
UniProt:	Q68EF8
Pathways:	Interferon-gamma Pathway , Neurotrophin Signaling Pathway , Platelet-derived growth Factor Receptor Signaling , Signaling of Hepatocyte Growth Factor Receptor

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