

Datasheet for ABIN7558876

RASGRP4 Protein (AA 1-673) (His tag)



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Overview

Quantity:	1 mg
Target:	RASGRP4
Protein Characteristics:	AA 1-673
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RASGRP4 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Rasgrp4 Protein expressed in mammalian cells.
Sequence:	MNRKDIKRKS HQECSGKAGG RGRSRQARRH KTCPTPREIS KVMASMN LGV LSESSCSEDE LLEECIRCFD SAGSLRRGDH ILKMVLT MHS WVLPSSELAA RLLTSYQKAA KDAQELRQLQ ICYLVRYWLT HHHEAVHQEP QLEAVISRFW TTVAQEGNMA QRS LGDASSL LSPGGPGPPP PMSSPGLGKK R KVSLLFDHL ETEELAQH LT YLEFRSFQAI TPQDLRGYVL QGSVRGCPAL EGSVGLSNSV SRWVQVMVLS RGPQAQRAQV LDKFIRVAQR LHQLQNFN TL MAVTGGLCHS AISRLKDSHV H LSPDSTKAL LELTELLSSH NNYAHYRRTW AGCTGFRLPV LGVHLKDLVS LYEAHPDRLP DGRLHLPKLN SLYLRLQELM ALQGQHPPCS ANEDLLHLLT LSLDLFYTED EIYELSYARE PRCPKSLPPS PFKAPVVVEW AQGVTPKPDS VTLGQHVEQL VESVFKNYDP EGRGSISLED FERLSGNFPF ACHGLHPPPR HGSGSFSREE LTKYLLHASA ICSKLGLAFL HAFQEVTFRK PTFCHSCSGF LWGVTKQGYR CRDCGLCCHR HCRDQVRVEC KKR PETKGDP GPPGAPVPAT SLPPANC GSE ELSYTLSPD PESGCHLRHA WTQTESSHSS WEPEV VPCPA RVLPSRASSK PSV Sequence without tag. The proposed Purification-Tag is based on

Product Details

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.

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: RASGRP4

Alternative Name: Rasgrp4 ([RASGRP4 Products](#))

Background: RAS guanyl-releasing protein 4,FUNCTION: Functions as a cation- and diacylglycerol (DAG)-regulated nucleotide exchange factor activating Ras through the exchange of bound GDP for GTP. May function in mast cells differentiation. {ECO:0000269|PubMed:12817022}.

Molecular Weight: 74.9 kDa

UniProt: [Q8BTM9](#)

Pathways: [Regulation of G-Protein Coupled Receptor Protein Signaling](#)

Application Details

Application Notes:	We expect the protein to work for functional studies. 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