

Datasheet for ABIN7563028

RASGRF1 Protein (AA 1-1262) (His tag)



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Overview

Quantity:	1 mg
Target:	RASGRF1
Protein Characteristics:	AA 1-1262
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RASGRF1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Rasgrf1 Protein expressed in mammalian cells.
Sequence:	<p>MQKAIRLNDG HVVTLGLLAQ KDGTRKGYLS KRSADNPKWQ TKWFALLQNL LFYFESDSSP</p> <p>RPSGLYLLEG SICKRAPSPK RGTSSKESGE KQHYFTVNF SNDSQKTLEL RTEDAKDCDE</p> <p>WVAAIARASY KILATEHEAL MQKYLHLLQV VETEKTVAKQ LRQQLEDGEV EIERLKTEVT</p> <p>ITNLIKDNDR IQSSNKAGSA DDESDIKKI KKVQSFLRGW LCRRKWKNII QDYIRSPHAD</p> <p>SMRKRNQVVF SMLEAEAEYV QQLHILVNNF LRPLRMAASS KKPPITHDDV SSIFLNSETI</p> <p>MFLHQIFYQG LKARISSWPT LVLADLFDIL LPMLNIYQEF VRNHQYSLQI LAHCKQNRDF</p> <p>DKLLKQYEAK PDCEERTLET FLTYPMFQIP RYILTLHELL AHTPHEHVER NSLDYAKSKL</p> <p>EELSRIMHDE VSETENIRKN LAIERMITEG CEILLDTSQT FVRQGSLMQM SLSEKSKSSR</p> <p>GRLGSLSTKK EGERQCFLFS KHLICTRGS GGKLHLTKNG VISLIDCTLL DEPENDLDEA</p> <p>KGAGPEIEHL EFKIGVEPKD SLPFTVILVA STRQEKAAWT SDIIQCVDNI RCNGLMMNAF</p> <p>EENSKVTVPQ MIKSDASLYC DDVDIRFSKT MNSCKVLQIR YASVERLLER LTDLRFLSID</p> <p>FLNTFLHSYR VFTNAMVVLD KLINIYRKPM SAIPARSLEL LFSSSHNAKL LYGDAPKSPR</p>

ASRKFSPPPP LAIGTSSPSR RRKLSLNIPI ITGGKALELA SLGCSSDSYA NIHSPISPFPG
KTTLDTGKLC MASSLPKTPE EIDVPATIE KPGELSASRK HSSDVLKEES EDDQNHSDDED
NTEVSPVKSP PTPKSFLNRT ITEFPFFNYN NGILMTTCRD LVDNNRSTLS ATSAFAIATA
GANEGPSNKE VFRMSLANT GFSSDQRNID KEFVIRRAAT NRVLNVLRHW VTKHTQDFDT
DDTLKYRVIC FLEEVMHDPD LLTQERKAAA NIIRLTLEE TTEQHSMLEE VILMTEGVKT
EPFENHPALE IAEQLTLLDH LVFKSIPYEE FFGQGWMKAE KYERTPYIMK TTKHFNHVSN
FIASEIRNE DISARASAIE KWWAVADICR CLHNYNAVLE ITSSINRSI FRLKKTWLKV
SKQTKSLLDK LQKLVSDDGR FKNLRESLRN CDPPCVPYLG MYLTDLVFIE EGTPNYTEDG
LVNFSKMRMI SHIIREIRQF QQTTYKIDPQ PKVIQYLLDE SFMLDEESLY ESSLLIEPKL PT

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.

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:	<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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target: RASGRF1

Target Details

Alternative Name:	Rasgrf1 (RASGRF1 Products)
Background:	Ras-specific guanine nucleotide-releasing factor 1 (Ras-GRF1) (CDC25Mm) (Guanine nucleotide-releasing protein) (GNRP) (Ras-specific nucleotide exchange factor CDC25),FUNCTION: Promotes the exchange of Ras-bound GDP by GTP. {ECO:0000269 PubMed:10373510}.
Molecular Weight:	144.1 kDa
UniProt:	P27671
Pathways:	RTK Signaling , Cell Division Cycle , M Phase

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