

Datasheet for ABIN7552268

ARHGEF40 Protein (AA 1-1519) (His tag)



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Overview

Quantity:	1 mg
Target:	ARHGEF40
Protein Characteristics:	AA 1-1519
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ARHGEF40 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ARHGEF40 Protein expressed in mammalian cells.
Sequence:	MEPEPVEDCV QSTLAALYPP FEATAPTLG QVFQVVERTY REDALRYTLD FLVPAKHLLA KVQQEACAQY SGFLFFHEGW PLCLHEQVVV QLAALPWQLL RPDGDFYLQVV PSAAQAPRLA LKCLAPGGGR VQEVVPVNEA CAYLFTPEWL QGINKDRPTG RLSTCLLSAP SGIQRLPWAE LICPRFVHKE GLMVGHQPST LPPELPSGPP GLPSPPLPEE ALGTRSPGDG HNAPEVEGPEG EYVELLEVTL PVRGSPTDAE GSPGLSRVRT VPTRKGAGGK GRHRRHRAWM HQKGLGPRGQ DGARPPGEGS STGASPEPPE GAEAVPEAAV LEVSEPPAEA VGEASGSCPL RPELGRGGGG GGQGAEGPPG TPRRTGKGNR RKKRAAGRGA LSRGGDSAPL SPGDKEDASH QEALGNLPSP SEHKLPECHL VKEEYEGSGK PESEPKELKT AGEKEPQLSE ACGPTEEGAG ERELEGPGLL CMAGHTGPEG PLSDTPTPPL ETVQEGKGDN IPPEALAVSV SDHPDVAWDL MASGFLITG GVDQSGRALL TITPPCPPEE PPPSRDTLNT TLHYLHSLLR PDLQTLGLSV LLDLRQAPPL PPALIPALSQ LQDSGDPPLV QRLILIHDD LPTELCGFQG AEVLSENDLK RVAKPEELQW ELGGHRDPSP SHWVEIHQEV VRLCRLCQGV LGSVRQAIEE LEGAAEPEEE EAVGMPKPLQ

KVLADPRLTA LQRDGGAILM RLRSTPSSKL EGQGPATLYQ EVDEAIHQLV RLSNLHVQQQ
EQRQCLRRRLQ QVLQWLSGPG EEQLASFAMP GDTLSALQET ELRFRAFSAE VQERLAQARE
ALALEENATS QKVLDFEQR LEQVESGLHR ALRLQRFFQQ AHEWVDEGFA RLAGAGPGRE
AVLAALALRR APEPSAGTFQ EMRALALDLG SPAALREWGR CQARCQELER RIQQHVGEAA
SPRGYRRRRA DGASSGGAQW GPRSPSPSLS SLLLPSSPGP RPAPSHCSLA PCGEDYEEEG
PELAPEAEGR PPAVLIRGL EVTSTEVVDR TCSPREHVLL GRARGPDGPW GVGTPRMERK
RSISAQQRLV SELIACEQDY VATLSEPVPV PGPELTPELR GTWAAALSAR ERLRSFHRTH
FLRELQGCAT HPLRIGACFL RHGDQFSLYA QYVKHRHKLE NGLAALSPLS KGSMEAGPYL
PRALQQPLEQ LTRYGRLLLE LLREAGPELS SECRALGAAV QLLREQEARG RDLLAVEAVR
GCEIDLKEQG QLLHRDPFTV ICGRKKCLRH VFLFEHLLLF SKLKGPEGGS EMFVYKQAFK
TADMGLTENI GDGLCFELW FRRRRAREAY TLQATSPEIK LKWTSSIAQL LWRQAAHNKE
LRVQQMVSMG IGNKPFLDIK ALGERTLSAL LTGRAARTRA SVAVSSFEHA GPSLPGLSPG
ACSLPARVEE EAWDLVDKQI SLAPETLDSS GDVSPGPRNS PSLQPPHPGS STPTLASRGI
LGLSRQSHAR ALSDPTTPL

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:	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:	ARHGEF40
Alternative Name:	ARHGEF40 (ARHGEF40 Products)
Background:	Rho guanine nucleotide exchange factor 40 (Protein SOLO),FUNCTION: May act as a guanine nucleotide exchange factor (GEF). {ECO:0000250}.
Molecular Weight:	164.7 kDa
UniProt:	Q8TER5

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