

Datasheet for ABIN7563738

ARHGEF40 Protein (AA 1-1517) (His tag)



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Overview

Quantity:	1 mg
Target:	ARHGEF40
Protein Characteristics:	AA 1-1517
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ARHGEF40 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Arhgef40 Protein expressed in mammalian cells.
Sequence:	MEPEPVEDCV QSTLAALYPP FEATAPTLG QVFQVVERTY QEDALRYTLD FLVPAKHLLA KVQQEACAQY SGFLFFHEGW PLCLHEQVVV QLAALPWQLL RPGDFYLQVV PSAAQAPRLA LKCLAPGGGR VQELPVPSEA CAYLFTPEWL QGINKDRPTG RLSTCLLSAP SGIQRLPWAE LVCPRFVHKE GLMVGHQPST LPPELPSGPP GLPSSPLPEE VLGTRSPGDG HNAPAEGPEG EYVELLEVTL PVRGSPVDAE ASGLSRTRTV PARKSTGGKG RHRHRHAWMN QKGLGSRDQD GTRPPGEGSS TGASSDSPSG AEADPDATAL QASEPPAEAL GEAPESCLLS GEAVGGVGQG AEGPPGTPRR TGKGNRRKKR AAGRGAGSRG GEGTSLSPRD KEETRQQEVL VSLPSPSEQE PAECSLVKEK EDSGKQESSES KEELKPADEK EPARPEDYEP PEEEEIRESEK EELTPQCTAG STGPEWFPSE PSTQPLETVQ NVKGDSLPEE TPPVSVLDDP VVAWDLMASG FFVLTGGVDQ TGRALLTITP PPPCLPEESS PSQETLSTAL RYLHSLLRPD LQLLGLTILL DLRKAPPLPP ALLPALSQQLQ DSGEPPLIQR LVILIHEDPP AELCGFQGAE LLSEKDLKRV AKPEELQWDL

GGHRDLSPNH WAEIHQEVAR LCTLCQGVLT SVRQAIEELE GTAEPKEEEA VGMPEPLQKV
LADPRLTALQ RGGAILMRL RSAHSSKLEG PGPAELYQEV DEAIHQLVRL SNLRVQQQEE
RQRLRQVQV LQWLSGPGEE QLASFSMPGN SLSVLQETEL RFRAFSTEVQ ERLVQAREAL
ALEEDLTSQK VLDIFEQRLE QAESGLHRAL RLQRFFQQA H EWVDEGSARL AGAGSGREAL
LAALALRRAP EPSAGTFQEM RALALDLGSP AALREWGRCR ARCQELERRI QQQLGEEASP
RSHRRRRADS ASSAGAQHGA HSPSPSLSSL LLPSSPGPRA APSHCSTLTPC GEDYEEEGLE
LAPETDGRPP RAVLIRGLEV TSTEVDVRTC SPREHVLLGR AGGPDGPWGI GTPRMERKRS
ISAAQRLVSE LIACEQEYVT TLNEPVPLPG PELTPELRCT WAAALSVRER LRSFHGTHFL
QELQGCAHP LRIGACFLRH GDQFNLYAQF VKHRHKLESG LAALTPSVKG SMESSPCLPR
ALQQPLEQLA RYGQLLEELL REAGPELSSE RQALRAAVQL LQEQEARGD LLAVEAVRG
EIDLKEGQL LHRDPFTVIC GRKKCLRHVF LFEDLLLFSK LKGSEGGSET FVYKQAFKTA
DMGLTENIGD SGLCFELWFR RRRAREAYTL QATSPETKLK WTSSIAQLLW RQAAHNKELR
VQQMVSMGIG NKPFLDIKAL GERTLSALLT GRAARTRASV AVSSFEHAGP SLPGLSPGAC
SLPARVEEEA WDLVDKQISL ASETLDSSGD VSPGPRNSPS LQPPSPGSST PALTSGGILG
LSRQSHSRAL SDPTTPL **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:

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, Western Blot

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:	165.1 kDa
UniProt:	Q3UPH7

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.
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