

Datasheet for ABIN7552239

ARHGEF10 Protein (AA 1-1369) (His tag)



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Overview

Quantity:	1 mg
Target:	ARHGEF10
Protein Characteristics:	AA 1-1369
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ARHGEF10 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ARHGEF10 Protein expressed in mammalian cells.
Sequence:	MRPPGFLSRA PSLNRAERGI WSCSMDQREP LPPAPAENEM KYDTNNNEEE EGEQFDFDSG DEIPEADRQA PSAPETGGAG ASEAPAPTGG EDGAGAETTP VAEPTKLVLV MKVNPYSVID ITPFQEDQPP TPVPSAEEEN VGLHVPCGYL VPVPCGYAVP SNLPLLLPAY SSPVIICATS LDEEAETPEV TEDRQPNSLS SEEPPTSEDQ VGREDSALAR WAADPANTAW MENPEEAIYD DVPRENSDSE PDEMIYDDVE NGDEGGNSSL EYGWSSSEFE SYEEQSDSEC KNGIPRSFLR SNHKKQLSHD LTRLKEHYEK KMRDLMASTV GVVEIQQLRQ KHELKMQKLV KAAKDGTKDG LERTRAAVKR GRSFIRTKSL IAQDHRSSLE EEQNLFIDVD CKHPEAILTP MPEGLSQQQV VRRYILGSVV DSEKNYVDAL KRILEQYEKP LSEMEPKVLS ERKLKTVFYR VKEILQCHSL FQIALASRVS EWDSVEMIGD VFVASFSKSM VLDAYSEYVN NFSTAVAVLK KTCATKPAFL EFLKQEAS PDRTTLYSLM MKPIQRFQF ILLQDMLKN TSKGHPDRLP LQMALTELET LAEKLNERKR DADQRCEVKQ IAKAINERYL NKLLSSGSRV LIRSDDMIET VYNDRGEIVK TKERRVFMNL DVLMCATVSS RPSHDSRVMS SQRYLLKWSV PLGHVDAIEY GSSAGTGEHS

RHLAVHPPES LAVVANAKPN KVYMGPQGLY QDLQNLLHDL NVIGQITQLI GNLKGNLYQNL
NQSV AHDWTS GLQRLILKKE DEIRAADCCR IQLQLPGKQD KSGRPTFFTA VFNTFTPAIK
ESWVNSLQMA KLALEEEENHM GWFCVEDDGN HIKKEKHPLL VGHMPVMVAK QQEFKIECAA
YNPEPYLNNE SQPDSFSTAH GFLWIGSCTH QMGQIAIVSF QNSTPKVIEC FNVESRILCM
LYVPVEEKRR EPGAPDPET PAVRASDVPT ICVGTEEGSI SIYKSSQGSK KVRLQHFFTP
EKSTVMSLAC TSQSLYAGLV NGAVASYARA PDGSWDSEPQ KVIKLGVLVPV RSLLMMEDTL
WAASGGQVFI ISVETHAVEG QLEAHQEEGM VISHMAVSGV GIWIAFTSGS TLRLFHTETL
KHLQDINIAT PVHNMLPGHQ RLSVTSLLVC HGLLMVGTSL GVLVALPVPR LQGIPKVTGR
GMVSYHAHNS PVKFIVLATA LHEKDKDKSR DSLAPGPEPQ DEDQKDALPS GGAGSSLSQG
DPDAIWLGD SLGSMTQKSD LSSSSGSLSL SHGSSSLEHR SEDSTIYDLL KDPVSLRSKA
RRAKKAKASS ALVVCGGQGH RRVHRKARQP HQEELAPTVM VWQIPLLN

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:	ARHGEF10
Alternative Name:	ARHGEF10 (ARHGEF10 Products)
Background:	Rho guanine nucleotide exchange factor 10,FUNCTION: May play a role in developmental myelination of peripheral nerves. {ECO:0000269 PubMed:14508709}.
Molecular Weight:	151.6 kDa
UniProt:	O15013

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