

Datasheet for ABIN7564480

ARHGEF10 Protein (AA 1-1345) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	ARHGEF10
Protein Characteristics:	AA 1-1345
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ARHGEF10 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Arhgef10 Protein expressed in mammalian cells.
Sequence:	MEQGEASPPV PAEHEAKCDT SNNEEEGELF DFDSGDEVPE ADRQVPSADD RTRGAEAGGA DENTCPAGNG TGAEPAPAEAE PAKLVVPTKV NPYSVIDITP LQEDQPSSPD ANTEEEGVGL RVPSGYSVPV PCGYAVPSNL PLLLPAYSSP VIIRAESVEE EAAETVGDG QCNSLSSDL PHSSEQGSQE GSALARWAAD PANTAWMENP EEAIYDDVPR ENSDSEPDEM IYDDVENGEE GGNSSPEYGW SSSEFESYEE PSDSEGKNGI PRSFLRSSHK KQLSHDLTRF KAHCEEKMRG LVASTVGAME IQQAKQRQER KMQKLMKAAK EGTKDGLEKT KAAVKRGGSF IRTSLVSQD HRCYFEEEQN LFIDVDCKHP EAVLTPMPEG LSQQQVVRRY ILGSIVESEK NYVDALRRIL EQYEKPLSEM EPRLLSDRKL RMVFYRVKEI LQCHSMFQIA LASRVSEWDV VETIGDVFVA SFSKSMVLDA YSEYVNNFST AVAVLKKTCA TKPAFLEFLK LSQDSSPDRV TLHSLMMRPI QRFPQFILLL QDMLKNTAKG HPDRLPLQMA LTELETIAEK LNERKRDADQ RCEIKQIAKA INERYLNKLL SSGNRYLVRS DDVIETVYND RGEIVKTKQR RIFMLNDVLM CATASSRNSH

ESHAVMSQRY LLKWSVPLGH VDVQYNGGS GAGEHCRHHA AHSPESLAVV ANAKPHKVYM
GPGQLYQDLQ NLLHDLNVVG QISQLIGNLR GSYQNLNQSV AHDWTSGLQR LILRKEDAIR
AADRCRIQLQ LPGKQDKSGR PTFFTAVFNT LTPAIKESWV SSLQMAKLAL EEENHMGWFC
VDDDGNLAKK ETHPLLVGHM PVMVAKQPEF KIECAAYNPE PYLSNESQPA SPSTARGFLW
IGSCSNQMGQ VAIVSFQGSN PKVIECFNVE SRILCMVYIP AEESKPQETT ETKDPEATAS
RAPHVPTICL GTEEGSISY KSSQGCKKVR LQHFYAPDKS TVMSLACSPQ GLYAGLVNGS
VASYTKAPDG SWNSEPQQVI KLGVLVPRSL LLVEGALWAA SGGQVFMASV ETHTIENQLE
AHQDEGMVIS HMAVAGVGIW IAFSTSGSTLR LFHTETLKHL QDVNIDAPVH SMLPGHQRLS
VTSLLVCHGL LMVGTSLGVV VALPVPRLQG IPKVTGRGMV SYHAHNGPVK FIVSATAFQN
KDRARDSPRS GSELQDEDPK DLLCSEEGPS CPGQPDYTS VWLGDSLGLP TQKNDLSSSS
GSLNLSHGSS SLEHRSDSS LCDLLRDPSA SPRSRPQGSR RARASSALVV CGGQGHRRVH
RKARQPSQED LVSSVMVWQI PLLGM **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.
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	ARHGEF10
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Target Details

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:	147.9 kDa
UniProt:	Q8C033

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