

Datasheet for ABIN7552207

ARHGEF11 Protein (AA 1-1522) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	ARHGEF11
Protein Characteristics:	AA 1-1522
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ARHGEF11 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat ARHGEF11 Protein expressed in mammalien cells.
Sequence:	MSVRLPQSID RLSSLSSLGD SAPERKSPSH HRQPSDASET TGLVQRCVII QKDQHGFGFT VSGDRIVLVQ SVRPGGAAMK AGVKEGDRII KVNGTMVTNS SHLEVVKLIK SGAYVALTLL GSSPSSMGIS GLQQDPSPAG APRITSVIPS PPPPPPLPPP QRITGPKPLQ DPEVQKHATQ ILRNMLRQEE KELQDILPLY GDTSQRPSEG RLSLDSQEGD SGLDSGTERF PSLSESLMNR NSVLSDPGLD SPRTSPVIMA RVAQHRRRQG SDAAVPSTGD QGVDQSPKPL IIGPEEDYDP GYFNNESEDII FQDLEKLSR PAHLGVFLRY IFSQADPSPL LFYLCAEVYQ QASPKDSRSL GKDIWNIFLE KNAPLRVKIP EMLQAEIDSR LRNSEDARGV LCEAQEAAMP EIQEQIHIDYR TKRTLGLGSL YGENDLLDLD GDPLRERQVA EKQLAALGDI LSKYEEDRSA PMDFALNTYM SHAGIRLREA RPSNTAEKAQ SAPDKDKWLP FFPKTKKSSN SKKEKDALED KKRNPILKYI GKPKSSSQST FHIPLSPVEV KPGNVRNIIQ HFENNQQYDA PEPGTQRLST GSPEDLLES DSSRSEIRLG RSESLKGREE MKRSRKAENV PRSRSDVDM DAAAATRLHQ SASSTSSLS

TRSLNPTTP FTKMGRRSI ESPSLGFCTD TLLPHLLEDD LGQLSDLEPE PDAQNWQHTV
GKDVVAGLTQ REIDRQEVIN ELFVTEASHL RTLRVLDLIF YQRMKKENLM PREELARLFP
NLPELIEIHN SWCEAMKKLR EEGPIIKEIS DLMLARFDGP AREELQQVAA QFCSYQSIAL
ELIKTKQRKE SRFQLFMQEA ESHPQCRRLQ LRDLIISEMQ RLTKYPLLE SIIKHTEGGT
SEHEKLCRAR DQCREILKYV NEAVKQTENR HRLEGYQKRL DATALERASN PLAAEFKSLD
LTTRKMIHEG PLTWRIKDK TLDLHVLLLE DLLVLLQKQD EKLLLKCHSK TAVGSSDSKQ
TFSPVLKLN VLIRSVATDK RAFFIICTSK LGPPQIYELV ALTSSDKNTW MELLEEAVERN
ATRHPGAAPM PVHPPPPGPR EPAQQGPTPS RVELDDSDVF HGEPEPEELP GGTGSQQRVQ
GKHQVLLEDP EQEGSAEEEE LGVLPSPSTS LDGENRGIRT RNPIHLAFPG PLFMEGLADS
ALEDVENLRH LILWSLLPGH TMETQAAQEP EDDLTPTPSV ISVTSHPWDP GSPGQAPPGG
EGDNTQLAGL EGERPEQEDM GLCSLEHLPP RTRNSGIWES PELDRNLAED ASSTEAGGY
KVVRKAEVAG SKVVPALPES GQSEPGPPEV EGGTKATGNC FYVSMPSGPP DSSTDHSEAP
MSPPQPDSLP AGQTEPQPQL QGGNDPRRP SRSPSLALR DVGMIHTIE QLTLKLNRLK
DMELAHRELL KSLGGESSGG TTPVGSFHTE AARWTDGSL SPPAKEPLASD SRNSHELGPC
PEDGSDAPLE DSTADAAASP GP **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:	ARHGEF11
Alternative Name:	ARHGEF11 (ARHGEF11 Products)
Background:	Rho guanine nucleotide exchange factor 11 (PDZ-RhoGEF),FUNCTION: May play a role in the regulation of RhoA GTPase by guanine nucleotide-binding alpha-12 (GNA12) and alpha-13 (GNA13). Acts as guanine nucleotide exchange factor (GEF) for RhoA GTPase and may act as GTPase-activating protein (GAP) for GNA12 and GNA13. Involved in neurotrophin-induced neurite outgrowth. {ECO:0000269 PubMed:21670212}.
Molecular Weight:	167.7 kDa
UniProt:	O15085
Pathways:	Neurotrophin Signaling Pathway , Regulation of G-Protein Coupled Receptor Protein Signaling

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