

Datasheet for ABIN7552382

ARHGEF15 Protein (AA 1-841) (His tag)



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Overview

Quantity:	1 mg
Target:	ARHGEF15
Protein Characteristics:	AA 1-841
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ARHGEF15 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat ARHGEF15 Protein expressed in mammalien cells.
Sequence:	MSAQLPAAT PPTQKPPRII RPRPPRSRA AQSPGPPHNG SSPQELPRNS NDAPTPMCTP IFWEPPAASL KPPALLPPSA SRASLDSQTS PDSPSSTPTP SPVSRRSASP EPAPRSPVPP PKPSGSPCTP LLPMAGVLAQ NGSASAPGTV RRLAGRFEGG AEGRAQDADA PEPGLQARAD VNGEREAPLT GSGSQENGAP DAGLACPPCC PCVCHTTRPG LELRWVPVGG YEEVPRVPRR ASPLRTSRSR PHPPSIGHPA VVLTSYRSTA ERKLLPLLKP PKPTRVRQDA TIFGDPQPQD LDLLSEDIQ TGDSPDEAPQ NTPPATVEGR EEEGLEVLKE QNWELPLQDE PLYQTYRAAV LSEELWGVGE DGSPSPANAG DAPTFPRPPG PRNTLWQELP AVQASGLLDT LSPQERRMQE SLFEVVTSEA SYLRSLRLLT DTFVLSQALR DTLTPRDHHT LFSNVQRVQG VSERFLATLL SRVRSSPHIS DLCDDVHAHA VGPFSVYVDY VRNQYQEET YSRLMDTNVR FSAELRRLQS LPKCERLPLP SFLLLPFQRI TRLRMLLQNI LRQTEEGSSR QENAQKALGA VSKIIERCSA EVGRMKQTEE LIRLTQQLRF HKVKALPLVS WSRRLFEQGE LTELGCRRGG VLFASRPRFT

Product Details

PLCLLLFSDL LLITQPKSGQ RLQVLDYHR SLVQAQQVPD PSGPPTFRLS LLSNHQGRPT
HRLQASSLS DMQRWLGAFP TPGPLPCSPD TIYEDCDCSQ ELCSESSAPA KTEGRSLESR
AAPKHLHKTP EGWLKGLPGA FPAQLVCEVT GEHERRRHLR QNQRLLLEAVG SSSGTPNAPP P

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:

ARHGEF15

Alternative Name:

ARHGEF15 ([ARHGEF15 Products](#))

Background:

Rho guanine nucleotide exchange factor 15 (Ephexin-5) (E5) (Vsm-RhoGEF),FUNCTION: Specific GEF for RhoA activation. Does not activate RAC1 or CDC42. Regulates vascular smooth muscle contractility. Negatively regulates excitatory synapse development by suppressing the synapse-promoting activity of EPHB2. {ECO:0000269|PubMed:12775584}.

Molecular Weight:

91.9 kDa

UniProt:

[O94989](#)

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
