

Datasheet for ABIN7564828

SRGAP1 Protein (AA 1-1062) (His tag)



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Overview

Quantity:	1 mg
Target:	SRGAP1
Protein Characteristics:	AA 1-1062
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SRGAP1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Srgap1 Protein expressed in mammalian cells.
Sequence:	<p>MSTPSRFKKD KEIIAYESQ VKEIRAQLVE QQKCLEQQTE MRVQLLQDLQ DFFRKAEIE</p> <p>TEYSRNLEKL AERFMAKTRS TKDHQQFKKD QNLLSPVNCW YLLLNQVRRE SKDHATLSDI</p> <p>YLNNVIMRFM QISEDSTRMF KKSKEIAFQL HEDLMKVLNE LYTMVKTYHM YHSESISAES</p> <p>KLKEAEKQEE KQIGRSGDPV FHIRLEERHQ RRSSVKKIEK MKEKRQAKYS ENKLKSIKAR</p> <p>NEYLLTLEAT NASVFKYYIH DLSDLIDCCD LGYHASLNRA LRTYLSAEYN LETSRHEGLD</p> <p>IIVENAVDNLE PRSDKQRFME MYPAAFCPPM KFEFQSHMGD EVCQVSAQQP VQAEMLRNQ</p> <p>QLQSRLATLK IESEEVKKT T EATLQTIQDM VTIEDYDVSE CFQHSRSTES VKSTVSETYL</p> <p>SKPSIAKRRA NQQETE QFYF MKLREFLEGS NLITKLQAKH DLLQRTLGEH HRAEYMTTSR</p> <p>GRRNSHARHQ DSGQVIPLIV ESCIRFINLY GLQHQGIFRV SGSQVEVNDI KNSFERGENP</p> <p>LSDEQSNHDI NSVAGVLKLY FRGLENPLFP KERFTDLISC IRIDNLYERA LHIRKLLLT</p> <p>PRSVLIVMRY LFAFLNHLSQ YSDENMMDPY NLAICFGPTL MPVPEIQDQV SCQAHVNEIV</p>

KTIIHHETI FPDAKELDGP VYEKCMAGGD YCDSPYSEHG TLEEVDDQDAG TEPHTSEDEC
EPIEIAIKFD YVGRSARELS FKKGASLLLY HRASEDWWEG RHNGIDGLVP HQYIVVQDMD
DTFSDTLSQK ADSEASSGPV TEDKSSSKDM NSPTDRHSDS YLARQRKRGE PPPPGRRPGR
TSDGHCP LHP PHALSNSSID LGSPNLASHP RGLLQNRGLN NDSPERRRRP GHGSLTNISR
HDSLKKIDSP PIRRTSSGQ YTGFDNHKPL DPETIAQDIE ETMNTALNEL RELERQSTVK
HAPDVVLDL EQVKNSPTPA TSTESLSPLH NVALRGSEPQ IRRSTSSSSE TMSTFKPMVA
PRMGVQLKPP ALRPKPAVLP KTNPTMGPA PSQGPTDKSC TM **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:

SRGAP1

Alternative Name:

Srgap1 ([SRGAP1 Products](#))

Background:

SLIT-ROBO Rho GTPase-activating protein 1 (srGAP1) (Rho GTPase-activating protein 13),FUNCTION: GTPase-activating protein for RhoA and Cdc42 small GTPases. Together with CDC42 seems to be involved in the pathway mediating the repulsive signaling of Robo and Slit

Target Details

	proteins in neuronal migration. SLIT2, probably through interaction with ROBO1, increases the interaction of SRGAP1 with ROBO1 and inactivates CDC42 (By similarity). {ECO:0000250}.
Molecular Weight:	121.4 kDa
UniProt:	Q91Z69

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