

Recombinant Full Length Human SRGAP1 Protein, C-Flag-tagged

Cat. No. SRGAP1-1784HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human SRGAP1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	The protein encoded by this gene is a GTPase activator, working with the GTPase CDC42 to negatively regulate neuronal migration. The encoded protein interacts with the transmembrane receptor ROBO1 to inactivate CDC42.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	124.1 kDa
AA Sequence	MSTPSRFKKDKKEIIAEYESQVKEIRAQLVEQQKCLEQQTEMRVQLLQDLQDFFRKKA EIETEYSRNLEKL AERFMAKTRSTKDHQQYKKDQNLSPVNCWYLLLNQVRRESKD HATLSDIYLLNNVIMRFMQISEDSTRMF KKSKEIAFQLHEDLMKVLNELYTMVKTYHM YHAESISAESKLKEAEKQEEKQIGRSGDPVFHIRLEERHQ RRSSVKKIEKMKEKRQA KYSENKLKSIKARNEYLLTLEATNASVFKYYIHDLSDLIDCCDLGYHASLNRA LRTYL SAEYNLETSRHEGLDIIENAVDNLEPRSDKQRFMEMYPAAFCPPMKFEFQSHMGDE VCQVSAQQP VQAELMLRYQQQLQSRLATLKIENEEVKKTTEATLQTIQDMVTIEDYDV SECFQHSRSTESVKSTVSETYL SKPSIAKRRANQQETEQFYFMKLREYLEGSNLITK LQAKHDLLQRTLGEHRAEYMTTRPPNVPPKPQKH RKSRRPSQYNTKLFNGDLET

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

FVKDSGQVIPLIVESCIRFINLYGLQHQGIFRVSGSQVEVNDIKNSFERG ENPLADDQ
 SNHDINSVAGVLKLYFRGLENPLFPKERFNDLISCIRIDNLYERALHIRKLLLTLPRSVLI
 V MRYLFAFLNHLNQYSDENMMDPYNLAICFGPTLMPVPEIQDQVSCQAHVNEIITIII
 HHETIFPDAKEL DGPVYEKCMAGDDYCDSPYSEHGTL EEVDQDAGTEPHTSEDEC
 EPIEAIKFDYVGRSARELSFKKGASL LLYHRASEDWWEGRHNGIDGLVPHQYIVVQ
 DMDDTFSDTLSQKADSEASSGPVTEDKSSSKDMNSPTDRH PDGYLARQRKRGE
 PPPVRRPGRTSDGHCPLHPPHALSNSSVDLGSPSLASHPRGLLQNRGLNNDSPER
 R RRPGHGSLTNISRHDSLKKIDSPPIRRSTSSGQYTGFDNDHKPLDPETIAQDIEETM
 NTALNELRELERQS TAKHAPDVVLDLTLEQVKNSPTPATSTESLSPLHNVALRSSEPQ
 IRRSTSSSSDTMSTFKPMVAPRMGVQL KPPALRPKPAVLPKTNPTIGPAPPPQGPT
 DKSCTM TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Pathways	Axon guidance
Full Length	Full L.

GENE INFORMATION

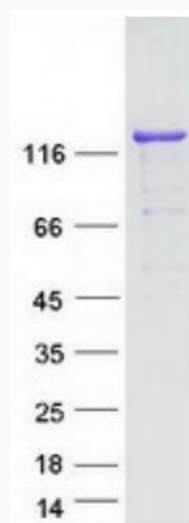
Gene Name [SRGAP1 SLIT-ROBO Rho GTPase activating protein 1 \[Homo sapiens \(human\) \]](#)

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Official Symbol	SRGAP1
Synonyms	NMTC2; ARHGAP13
Gene ID	57522
mRNA Refseq	NM_020762.4
Protein Refseq	NP_065813.1
MIM	606523
UniProt ID	Q7Z6B7



Coomassie blue staining of purified SRGAP1 protein.