

Recombinant Human SRGAP1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SRGAP1-5900H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SRGAP1 MS Standard C13 and N15-labeled recombinant protein (NP_065813) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	124.3 kDa
AA Sequence	MSTPSRFKKDKKEIIAEYESQVKEIRAQLVEQQKCLEQQTEMRVQLLQDLQDFFRKKA EIETEYSRNLEKLAERFMAKTRSTKDHQQYKKDQNLSPVNCWYLLLNQVRRESKD HATLSDIYLNNVIMRFMQISEDSTRMFKKSKEIAFQLHEDLMKVLNELYTMKTYHMY HAESISAESKLKEAEKQEEKQIGRSGDPVFHIRLEERHQRRSSVKKIEKMKEKRQAK YSENKLKSIKARNEYLLTLEATNASVFKEYIHDLSLDLIDCCDLGYHASLNRALRITYLSA EYNLETSRHEGLDIIENAVDNLEPRSDKQRFMEMYPAAFCPPMKFEFQSHMGDEV QVSAQQPVQAELMLRYQQQLQSRLATLKIENEEVKKTTTEATLQTIQDMVTIEDYDVSE CFQHRSRSTESVKSTVSETYLSKPSIAKRRANQQETEYFYFMKLREYLEGSNLITKLQ AKHDLLQRTLGEHRAEYMTTRPPNVPPKPKQHRKSRPRSQYNTKLFNGDLETQV DSGQVIPLIVESCIRFINLYGLQHQQGIFRVSGSQVEVNDIKNSFERGENPLADDQSNH

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DINSVAGVLKLYFRGLENPLFPKERFNDLISCIRIDNLYERALHIRKLLLTLPKRSVLIVM
 RYLFAFLNHLSQYSDENMMDPYNLAICFGPTLMPVPEIQDQVSCQAHVNEIITIIHH
 ETIFPDAKELDGPVYEKCMAGDDYCDSPYSEHGTLEEVDQDAGTEPHTSEDECEPI
 EAIKFDYVGRSARELSFKKGASLLLYHRASEDWWEGRHNGIDGLVPHQYIIVQDM
 DDTFSDTLSQKADSEASSGPVTEDKSSSKDMNSPTDRHPDGYLARQRKRGEPPPP
 VRRPGRTSDGHCPLHPPHALSNSSVDLGSPSLASHPRGLLQNRGLNNDSPERRRR
 PGHGSLTNISRHDSLKKIDSPPIRRSTSSGQYTGFDNHKPLDPETIAQDIEETMNTAL
 NELRELERQSTAKHAPDVVLDLTLEQVKNSPTPATSTESLSPLHNVALRSSEPQIRRS
 TSSSSDTMSTFKPMVAPRMGVQLKPPALRPKPAVLPKTNPTIGPAPPPQGPTDKSC
 TMTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

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

Official Symbol SRGAP1

Synonyms SRGAP1; SLIT-ROBO Rho GTPase activating protein 1; SLIT-ROBO Rho GTPase-activating protein 1; ARHGAP13; KIAA1304; rho GTPase-activating protein 13; FLJ22166;

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Gene ID	57522
mRNA Refseq	NM_020762
Protein Refseq	NP_065813
MIM	606523
UniProt ID	Q7Z6B7
SDS-PAGE	