

Recombinant Human SRGAP3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SRGAP3-970H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SRGAP3 MS Standard C13 and N15-labeled recombinant protein (NP_055665) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	SRGAP3 (SLIT-ROBO Rho GTPase Activating Protein 3) is a Protein Coding gene. Diseases associated with SRGAP3 include Pilomyxoid Astrocytoma and Chromosome 3Pter-P25 Deletion Syndrome. Among its related pathways are Guidance Cues and Growth Cone Motility and Signaling by GPCR. Gene Ontology (GO) annotations related to this gene include GTPase activator activity and Rac GTPase binding. An important paralog of this gene is SRGAP1.
Molecular Mass	124.3 kDa
AA Sequence	MSSQTKFKKDKEIIAEYEAQIKEIRTLVEQFKCLEQQSESRLQLLQDLQEFFRRKAEI ELEYSRSLEKLAERFSSKIRSSREHQFKKDQYLLSPVNCWYLVLHQTRRESRDHATL NDIFMNNVIVRLSQISEDVIRLFKKSKEIGLQMHEELLKVTNELYTMKTYHMYHAESI SAESKLKEAEKQEEKQFNKSGDLSMNLRRHEDRPQRRSSVKKIEKMKEKRQAKYSE NKLKCTKARNDYLLNLAATNAAISKYYIHVSDLDCCDLGFHASLARTFRTYLSAEY NLETSRHEGLDVIENAVDNLDNRSDKHTVMDMCNQVFCPPLKFEFQPHMGDEVQCQ VSAQQPVQTELLMRYHQLQSRLATLKIENEEVRKTLDATMQTLQDMLTVEDFDVSD

 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

AFQHRSRSTESVKSAASETYMSKINIAKRRANQQETEMFYFTKFKEYVNGSNLITKLQ
AKHDLLKQTLGEGERAECGTTTRPPCLPPKPQKMRRPRPLSVYSHKLFNGSMEAFIK
DSGQAIPLVVESCIRYINLYGLQQQGIFRVPGSQVEVNDIKNSFERGEDPLVDDQNE
RDINSVAGVLKLYFRGLENPLFPKERFQDLISTIKLENPAERVHQIQQILVTLPRVVIV
MRYLFAFLNHLSQYSDENMMDPYNLAICFGPTLMHIPDGQDPVSCQAHINEVIKTIHH
HEAIFSPRELEGPVYEKCMAGGEEYCDSPHSEPGAIDEVDHDNGTEPHTSDEEVE
QIEAIAKFDYMGRSPRELSFKKGASLLYHRASEDWWEGRHNGVDGLIPHQYIVVQ
DMDDAFSDLSQKADSEASSGPLLDDKASSKNDLQSPTEHISDYGFGGVMGRVRL
RSDGAAIPRRRSGGDTHSPPRGLGPSIDTPPRAAACPSPPHKIPLTRGRIESPEKRR
MATFGSAGSINYPDKKALSEGHSMRSTCGSTRHSSLGDHKSLEAEALAEDIEKTMS
TALHELRELERQNTVKQAPDVVLDLTLEPLKNPPGPVSSEPASPLHTIVIRDPDAAMR
RSSSSSTEMMTTFKPALSARLAGAQLRPPPMRPVRPVVQHRSSSSSSSGVGSPAV
TPTEKMFPNSSADKSGTMTTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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 SRGAP3 SLIT-ROBO Rho GTPase activating protein 3 [Homo sapiens (human)]

Official Symbol SRGAP3

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Synonyms	SRGAP3; SLIT-ROBO Rho GTPase activating protein 3; SLIT ROBO Rho GTPase activating protein 2, SRGAP2; SLIT-ROBO Rho GTPase-activating protein 3; ARHGAP14; KIAA0411; MEGAP; WRP; mental disorder-associated GAP; rho GTPase-activating protein 14; SLIT-ROBO Rho GTPase activating protein 2; WAVE-associated Rac GTPase activating protein; WAVE-associated Rac GTPase-activating protein; SRGAP2;
Gene ID	9901
mRNA Refseq	NM_014850
Protein Refseq	NP_055665
MIM	606525
UniProt ID	O43295
SDS-PAGE	