

Product datasheet for TP314288M

SRGAP3 (NM_014850) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens SLIT-ROBO Rho GTPase activating protein 3 (SRGAP3), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC214288 representing NM_014850 Red=Cloning site Green=Tags(s)

MSSQTKFKKDKKEIIAEYEAQIKEIRTQLVEQFKCLEQQSESRLQLLQDLQEFFRRKAEIELEYSRSLEKL
AERFSSKIRSSREHQFKKDQYLLSPVNCWYLVLHQTRRESRDHATLNDIFMNNVIVRLSQISEDVIRLFK
KSKEIGLQMHEELLKVTNELYTMKTYHMYHAESISAESKLKEAEKQEEKQFNKSGDLSMNLRRHEDRPQ
RRSSVKKIEKMKERQAKYSENKLIKCTKARNDYLLNLAATNAAISKYYIHDVSDLDCCDLGFHASLART
FRTYLSAEYNLETSRHEGLDVIENAVDNLDSRSDKHTVMDMCNQVFCPPLKFEFQPHMGDEVQVSAQQP
VQTELLMRYHQLQSRLATLKIENEVRKTLDATMQTLQDMLTVEDFDVSDAFQHSRSTESVKSAASETYM
SKINIAKRRANQQETEMFYFTKFEYVNGSNLITKLQAKHDLLKQTLGEGERAECGTRPPCLPPKPKQKM
RRRPLSVYSHKLFNGSMEAFIKDSGQAIPLVESCIRYINLYGLQQGIFRVPGSQVEVNDIKNSFERG
EDPLVDDQNERDINSVAGVLKLYFRGLENPLFKERFQDLISTIKLENPAERVHQIQQILVTLPRVVIV
MRYLFAFLNHLQSYSDENMMDPYNLAICFGPTLMHIPDGDQDPVSCQAHINEVIKTIHHHEAIFPSPREL
EGPVYEKCMAGGEEYCDSHPSEPGAIDEVDHDNGTEPHTSDEEVEQIEIAIKFDYMGRSPRELSFKKGAS
LLLYHRASEDWWEGRHNGVDGLIPHQYIVVQDMDDAFSDSLSQKADSEASSGPLLDDKASSKNDLQSPT
HISDYGFGGVMGRVRLRSDGAAIPRRRSGGDTHSPPRGLGPSIDTPPRAAACPSSPHKIPLTRGRIESPE
KRRMATFGSAGSINYPDKKALSEGHSRSTCGSTRHSSLGDHKSLEAEALAEDIEKTMSTALHELRELER
QNTVKQAPDVVLDLLEPLKNPPGPVSSEPASPLHTIVIRDPDAAMRRSSSSSTEMMTTFKPA SARLAGA
QLRPPPMRPVPRVQHRSSSSSSSGVGSAPVTPTEKMFNPSSADKSGTM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

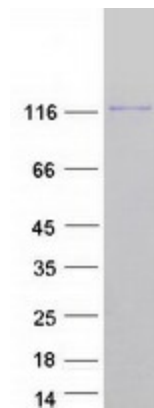
Tag:	C-Myc/DDK
Predicted MW:	124.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_055665
Locus ID:	9901
UniProt ID:	O43295
RefSeq Size:	8901
Cytogenetics:	3p25.3
RefSeq ORF:	3297
Synonyms:	ARHGAP14; MEGAP; SRGAP2; WRP
Summary:	GTPase-activating protein for RAC1 and perhaps Cdc42, but not for RhoA small GTPase. May attenuate RAC1 signaling in neurons.[UniProtKB/Swiss-Prot Function]
Protein Pathways:	Axon guidance

Product images:



Coomassie blue staining of purified SRGAP3 protein (Cat# [TP314288]). The protein was produced from HEK293T cells transfected with SRGAP3 cDNA clone (Cat# [RC214288]) using MegaTran 2.0 (Cat# [TT210002]).