

## Product datasheet for TP314288

### 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, 20 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  
RRSSVKKIEKMKERQAKYSENKLNKCTKARNDYLLNLAATNAAISKYYIHDVSDLDCCDLGFHASLART  
FRYLSAEYNLETSRHEGLDVIENAVDNLDSRSDKHTVMDMCNQVFCPPLKFEFQPHMGDEVQVSAQQP  
VQTELLMRYHQLQSRLATLKIENEEVRKTLDATMQTLQDMLTVEDFDVSDAFQHSRSTESVKSAASETYM  
SKINIAKRRANQQETEMFYFTKFEYVNGSNLITKLQAKHDLLKQTLGEGERAECGTRPPCLPPKPKQKM  
RRRPLSVYSHKLFNGSMEAFIKDSGQAIPLVESCIRYINLYGLQQGIFRVPGSQVEVNDIKNSFERG  
EDPLVDDQNERDINSVAGVLKLYFRGLENPLFKERFQDLISTIKLENPAERVHQIQQILVTLPRVVIV  
MRYLFAFLNHLSSQYSDENMMDPYNLAICFGPTLMHIPDGDQDPVSCQAHINEVIKTIHHHEAIFPSPREL  
EGPVYEKCMAGGEEYCDSPHSEPGAIDEVDHDNGTEPHTSDEEVEQIEIAIKFDYMGRSPRELSFKKGAS  
LLLYHRASEDWWEGRHNGVDGLIPHQYIVVQDMDDAFSDSLSQKADSEASSGPLLDDKASSKNDLQSPT  
HISDYGFGGVMGRVRLRSDGAAIPRRRSGGDTHSPPRGLGPSIDTPPRAAACPSSPHKIPLTRGRIESPE  
KRRMATFGSAGSINYPDKKALSEGHSRSTCGSTRHSSLGDHKSLEAEALAEDIEKTMSTALHELRELER  
QNTVKQAPDVVLDLLEPLKNPPGPVSSEPASPLHTIVIRDPDAAMRRSSSSSTEMMTTFKPA SARLAGA  
QLRPPPMRPVRPVVQHRSSSSSSSGVGS PAVTPTEKMFNPSSADKSGTM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

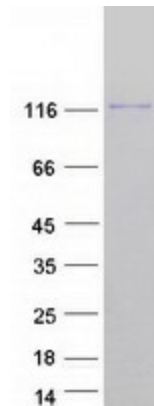
Tag:	C-Myc/DDK
Predicted MW:	124.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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