

## Product datasheet for PH314288

### SRGAP3 (NM\_014850) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	SRGAP3 MS Standard C13 and N15-labeled recombinant protein (NP_055665)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC214288
Predicted MW:	124.3 kDa
Protein Sequence:	>RC214288 representing NM_014850 Red=Cloning site Green=Tags(s)

MSSQTKFKKDKKEIIAEYEAQIKEIRTQLVEQFKCLEQQSESRLQLLQDLQEFFRRKAEIELEYSRSLEKL  
AERFSSKIRSSREHQFKKQYLLSPVNCWYLVLHQTRRESRDHATLNDIFMNNVIVRLSQISEDVIRLFK  
KSKEIGLQMHEELLKVTNELYTMKTYHMYHAESI SAESKLKEAEKQEEKQFNKSGDLSMNLRRHEDRPQ  
RRSSVKKIEKMKERQAKYSENKLCCTKARNDYLLNLAATNAAISKYIYIHDVSDLIDCCDLGFHASLART  
FRTYLSAEYNLETSRHEGLDVIENAVDNLDSRDKHTVMDMCNQVFCPPLKFEFQPHMGDEVQVSAQQP  
VQTELLMRYHQLQSRLATLKIENEEVRKTLDATMQTLQDMLTVEDFDVSDAFQHSRSTESVKSAASETVM  
SKINIARRANQQETEMFYFTKFKKEYVNGSNLITKLQAKHDLLKQTLGEGERAECGTRPPCLPPKPQKM  
RRPRPLSVYSHKLFNGSMEAFIKDSGQAIPLVVEESCIRYINLYGLQQGIFRVPGSQVEVNDIKNSFERG  
EDPLVDDQNERDINSVAGVLKLYFRGLENPLFPKERFQDLISTIKLENPAERVHQIQILVTLPRVVIVV  
MRYLFAFLNHL SQYSDENMMDPYNLAICFGPTLMHIPDGQDPVSCQAHINEVIKTI I IHHEAIFPSPREL  
EGPVYEEKMAGGEEYCDSPHSEPGAIDEVDHDNGTEPHTSDEEVEQIEAIAKFDYMGSRPRELSFKKGAS  
LLL YHRASEDWWEGRHNGVDGLIPHQYIVVQDMDDAFSDLSQKADSEASSGPLLDDKASSKNDLQSPTE  
HISDYGFGGVMGRVRLRSDGAAIPRRRSGGDTHSPPRGLGPSIDTPPRAAACPSSPHKIPLTRGRIESPE  
KRRMATFGSAGSINYPDKKALSEGHSRSTCGSTRHSSLGDHKSLEAEALAEDIEKTMSTALHELRELER  
QNTVKQAPDVVLDLLEPLKNPPGPVSSEPASPLHTIVIRDPDAAMRRSSSSSTEMMTTFKPAL SARLAGA  
QLRPPPMRPVRPVVQHRSSSSSSSGVGSFAVTPTEKMPNSSADKSGTM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

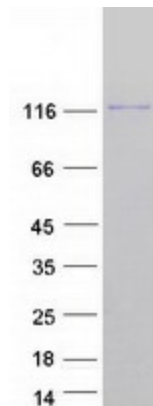
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3



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<b>Storage:</b>	Store at -80°C. Avoid repeated freeze-thaw cycles.
<b>Stability:</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.
<b>RefSeq:</b>	<a href="#">NP_055665</a>
<b>RefSeq Size:</b>	8901
<b>RefSeq ORF:</b>	3297
<b>Synonyms:</b>	ARHGAP14; MEGAP; SRGAP2; WRP
<b>Locus ID:</b>	9901
<b>UniProt ID:</b>	<a href="#">O43295</a>
<b>Cytogenetics:</b>	3p25.3
<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]).