

Product datasheet for **SC123510**

SRGAP1 (BC029919) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SRGAP1 (BC029919) Human Untagged Clone
Tag:	Tag Free
Symbol:	SRGAP1
Synonyms:	ARHGAP13; NMTC2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

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>OriGene sequence for BC029919 edited
GGAACAGCTGGATAATGTCCACCCGAGCCGATTCAAGAAGGACAAAGAGATCATAGCCG
AGTATGAAAGTCAAGTCAAAGAAATTCGAGCTCAACTGGTAGAACAAACAAAAATGCCTGG
AGCAGCAAACGGAGATGCGAGTTTCAGCTTCTCCAGGATCTGCAAGATTTCTCCGAAAAA
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CAGTGAACCTGCTGGTATTTGCTCCTGAACCAAGTAAAGGAGAGAAAGCAAAGACCATGCAA
CCTTGAGTGACATCTATCTGAACAATGTGATTATGCGGTTTCATGCAGATAAGTGAGGATT
CTACCAGGATGTTTTAAAAAGAGCAAAGAGATTGCATTCCAACCTCATGAGGATTTAATGA
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TCAGTGCAGAGAGCAAGCTGAAAGAGGCCGAAAAACAAGAGGAAAAGCAAATTTGGGAGAT
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AACAACTTAAAGTATAAGTAGATTGCTATGTCTAATAATAGTAACAAAACAACAGCAAC
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AAATGGTTCTAAAAAAAAAAGAGGGAGAGAGAAAGGATACAGTCAATGTGGCAAAACA
TTAACAGCCGAAAAATCTACATGAAGGGGATAAGGATGCTTCTGTACTGCTCTTTTAAAC
TCTTCTGTAGGTTTGAACCTTAAAAAAAAAAAAAAAA
    
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5' Read Nucleotide Sequence:	>OriGene 5' read for BC029919 unedited CGCCACGATATTTGTATACGACTACTATAGGGCGGCCGNAATTCGGGTTATCGTC GACCCACGCGTCCGGGAACAGCTGGTTAATGTCCACCCTGAGCCGATTCATGAAGGACAA ACAGATCATAGCCGAGTCTGAAAGTCAAGTCAAACAAATTCGAGCTCAACTGGCACTAAC AACATACATGCCTGTATCAGCAAACGGAGATGCTAGTTCAGCTTCTCCAGGATCTGCAAG ATTTCTTCCGAAAAAAGCTGAAATTGAGACGGAATATCCCGGAATCTAGAGAAGTTAG CACAAAGGTTTCATGGCAAAAACAAGAAGCACTAAGGATCATCAACAATACAAGAAAGACC AGAACCTGTTGTCTCCAGTGAAGTCTGTTATTTGCTCCTGAACCAAGTAAGGAGAGAAA GCAAAGACCATGCAACCTTGAGTGACATCTATCTGAACAATGTGATTATGCGGTTTCATGC AGATAAGTGAGGATTCTACCAGGATGTTTAAAAAGAGCAAAGAGATTGCATTCCAACCTTC ATGAGGATTTAATGAAGGTTCTTAATGAGCTTTATACGGTGATGAAAACATACCATATGT ATCATGCAGAGAGCATCAGTGCAGAGAGCAAGCTGAAAGAGGCCGAAAAACAGGAGGAAA AGCANATTGGGAGATCTGGTGATCCAGTCTTCTATTGACTAGAGGAGAGACATCAAC GGCAAAGCTCTGTAAAGAAAATTGAAAAATGATAGATAAAAGACTAGCCATATATTCAC AAAATAGCTATAAATCATTTAAGGCACGGAACCGAATATCTCCTAACACTTTGAGCCACC AATGCCCTCATTTCAGTACTATATTCATGAACTTTCTGATTAAATGGATTGCTGGGAT CTGGGCTACCCAGCAGTTTGAACAGAGCCCT
Restriction Sites:	Please inquire
ACCN:	BC029919
Insert Size:	2976 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	BC029919.1
RefSeq Size:	2976 bp
Locus ID:	57522
Cytogenetics:	12q14.2
Protein Pathways:	Axon guidance
Gene Summary:	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. [provided by RefSeq, Sep 2016]