

Product datasheet for **SC336241**

SRGAP2C (NM_001271872) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SRGAP2C (NM_001271872) Human Untagged Clone
Tag:	Tag Free
Symbol:	SRGAP2C
Synonyms:	SRGAP2P1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC336241 representing NM_001271872. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTGTAGTAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**
 ATGACGCTCCAGCCAAATTCAAAAAGGATAAGGAGATCATAGCAGAGTACGATACTCAGGTCAAAGAG
 ATCCGTGCTCAGCTCACAGAGCAGATGAAATGCCTGGACCAGCAGTGTGAGCTTCGGGTGCAACTGTTG
 CAGGACCTCCAGGACTTCTCCGAAAGAAGGCAGAGATTGAGATGGACTACTCCCGCAACCTGGAGAAG
 CTGGCAGAACACTTCTGGCCAAGACACGCAGCACCAAGGACCAGCAATTCAGAAGGATCAGAATGTT
 CTCTCTCCAGTCAACTGCTGGAATCTCCTTTAAACCAGGTGAAGTGGGAAAGCAGGGACCATAACCACC
 CTGAGTGACATCTACCTGAATAATATCATTCTCGATTTGTACAAGTCAGCGAGGACTCAGGAAGACTC
 TTTAAAAAGAGTAAAGAAGTCGGCCAGCAGCTCCAAGATGATTTGATGAAGGTCCTGAACGAGCTCTAC
 TCGGTCATGAAGACATATCACATGTACAATGCCGACAGCATCAGTGCTCAGAGCAAATAAGGAGGCG
 GAGAAGCAGGAGGAGAAGCAAATTTGGTAAATCGGTAAAGCAGGAGGACCGGCAGACCCCATGCTCCCT
 GACTCCACGGCCAACGTTTCGCATTGAGGAGAAACATGTCCGGAGGAGCTCAGTGAAGAAGATTGAGAAG
 ATGAAGGAGAAGCACCAAGCCAAGTACACGGAGAATAAGCTGAAGGCCATCAAAGCCCAGAATGAGTAC
 TTGCTGGCTTTGGAGGCAACCAATGCATCTGTCTTCAAGTACTACATCCATGACCTATCTGACCTTATT
 GATTGTTGTGACTTAGGCTACCATGCAAGTCTGAACCGGGCTCTACGCACCTTCTCTCTGCTGAGTTA
 AACCTGGAACAGTCGAAGCATGAGGGTCTGGATGCCATCGAGAATGCAGTAGAAAACCTGGATGCCACC
 AGTGACAAGCAGCGCCTCATGGAGATGTACAACAACGCTTCTGCCCCCTATGAAGTTTGAGTTTCAG
 CCCCACATGGGGGATATGGCTTCCAGCTCTGTGCCCAGCAGCCTGTCCAGAGTGAGCTGGTACAGAGA
 TGCCAACAACCTGCAGTCTCGCTTATCCACTCTAAAGATTGAAAACGAAGAGGTAAAGAAGACAATGGAG
 GCCACCTGCAAACCATCCAGGACATTGTGACTGTCGAGGACTTTGATGTGTCTGACTGCTTCCAGTAC
 AGCAACTCCATGGAGTCCGTCAAGTCCACGGTCTCTGAAACCTTCATGAGCAAGCCCAGCATTGCTAAG
 AGGAGAGCCAACCAGCAAGAGACAGAGCAGTTTTATTTTACAGTAAGGGAGTGCTATGGCTTT**TAA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC


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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001271872
Insert Size:	1377 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:	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:	<u>NM_001271872.1</u>
RefSeq Size:	3347 bp
RefSeq ORF:	1377 bp
Locus ID:	653464
Cytogenetics:	1p11.2
MW:	53.4 kDa
Gene Summary:	This locus encodes a member of the SLIT-ROBO Rho GTPase activating protein family. This human-specific locus resulted from segmental duplication of the SLIT-ROBO Rho GTPase activating protein 2B locus. The encoded protein lacks the GTPase activating protein domain compared to proteins encoded by SLIT-ROBO Rho GTPase activating protein 2, and acts antagonistically to these proteins in cortical neuron development. [provided by RefSeq, Dec 2012]