

Product datasheet for MR224537

Srgap1 (NM_001081037) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Srgap1 (NM_001081037) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Srgap1
Synonyms:	4930572H05Rik; Arhgap13
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR224537 representing NM_001081037 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCCACCCCGAGCAGATTCAAGAAGGACAAAGAGATCATAGCCGAGTATGAAAGTCAAGTCAAAGAAA
TCCGAGCCAGCTGGTAGAACAAACAAAATGCCTGGAGCAGCAGACAGAGATGCGAGTTCAGCTGCTCCA
GGACCTACAAGATTTCTCCGGAAAAAGCCGAAATTGAGACGGAATATTCTCGAACCTGGAGAAGCTG
GCAGAAAGGTTTCATGGCCAAAACAAGAAGCACTAAGGACCATCAACAGTTCAGAAAGACCAAAACCTGT
TGCTCCAGTGAAGTGGTATTTGCTCCTGAACCAAGTGAAGAGAGAGAGCAAAGACCACGCCACTTT
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AGGAAGTCCAGGCCCGCTCCCAGTATAATGCTAAGTTGTTAATGGGGATTTGGAGACATTCGTCAAGG
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Protein Sequence:

>MR224537 representing NM_001081037
 Red=Cloning site Green=Tags(s)

MSTPSRFKKDKKEIIAEYESQVKEIRAQLVEQQKCLEQQTEMRVQLLQDLQDFFRKKAIEIETYSRNLEKL
 AERFMAKTRSTKDHQQFKKQDQNLSPVNCWYLLLNQVRRESKDHATLSDIYLNIVIMRFMQISEDSTRMF
 KKSKEIAFQLHEDLMKVLNELYVMKTYHMYHSESI SAESKLKEAEKQEEKQIGRSGDPVFHIRLEERHQ
 RRSVVKIEKMKERQAKYSENKLSIKARNEYLLTLEATNASVFKYYIHDLSLIDCCDLGYHASLNRA
 LRTYLSAEYNLETSRHEGLDIIENAVDNLEPRSDKQRFMEMYPAAFPPMKFEFQSHMGDEVQVSAQQP
 VQAEMLRNQQLQSRATLTKIESEEVKKTTEATLQTIQDMVTIEDYDVSECFQHSRSTESVKSTVSETYL
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 MRYLFAFLNHL SQYSDENMMDPYNLAICFGPTLMPVPEIQDQVSCQAHVNEIVKTI IHHETIFPDAKEL
 DGPVYEKCMAGGDYCDSPYSEHGTL EEVDQDAGTEPHTSEDECEPIEAIKFDYVGRSARELSFKKGASL
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 RRPFGHSLTNI SRHDSLKIDSPPIRRSTSSGQYTGFNHDKPLDPETIAQDIEETMNTALNELRELERQS
 TVKHAPDVVLDLTLEQVKNSTPATSTESLSPLHNVALRGSEPIRRSTSSSETMSTFKPMVAPRMGVQL
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Chromatograms:

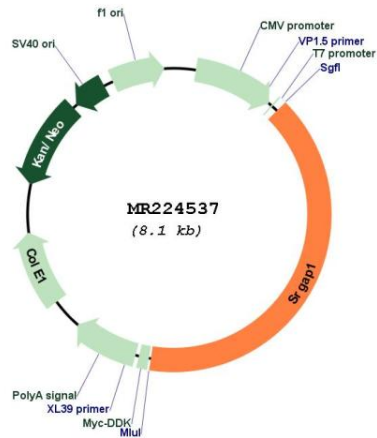
https://cdn.origene.com/chromatograms/mm9037_d02.zip

Cytogenetics: 10 D2

MW: 124.6 kDa

Gene Summary: GTPase-activating protein for RhoA and Cdc42 small GTPases. Together with CDC42 seems to be involved in the pathway mediating the repulsive signaling of Robo and Slit proteins in neuronal migration. SLIT2, probably through interaction with ROBO1, increases the interaction of SRGAP1 with ROBO1 and inactivates CDC42 (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR224537