

Product datasheet for RN217473

Srgap3 (NM_001191975) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Srgap3 (NM_001191975) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Srgap3
Synonyms:	RGD1563152
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN217473 representing NM_001191975 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTCATCTCAAACAAAGTTCAAGAAAGACAAAGAGATCATTGCTGAATATGAAGCCAAATAAAAGAGA
TCCGCACGCAGCTGGTGGAGCAGTTCAAATGCCTGGAGCAGCAGTCAGAGTCGCGGCTGCAGCTGCTGCA
AGACTTGCAGGAGTTCTCCGCAGGAAAGCTGAGATCGAGCTGGAGTATTCGCCGAGCCTGGAGAAGCTG
GCCGAGCGCTTCTCCTCCAAGATTCGAAGCTCCCGGGAGCACCAGTTCAAGAAGGATCAATACCTCCTCT
CACCTGTGAACCTGTTGGTATCTGGTACTGCATCAGACTCGGCGGGAGAGCCGAGATCACGCCACCCTCAA
TGACATCTTATGAACAATGTCATCGTCCGCCTCTCCCAGATCAGTGAAGATGTCATCAGACTCTTCAAA
AAGAGCAAAGAGATTGGCCTGCAGATGCATGAGGAGCTGCTGAAGGTGACCAATGAGCTCTACACAGTCA
TGAAAACCTACCACATGTACCATGCAGAGAGCATCAGTGCAGAAAGCAAGCTGAAGGAGGCCGAGAAGCA
GGAGGAGAAACAGTTTAAACAAGTCAGGAGACCTGAGCATGAACCTTCTCCGGCACGAGGACAGCCCCAG
CGCCGACGCTCCGTGAAGAAGATTGAGAAGATGAAGGAGAAGAGGCAGGCCAAGTATTCTGAGAACAAAGC
TCAAGTGCACAAAGGCCGAAATGACTACCTGCTGAATCTGGCAGCCACCAACGCAGCTATCAGCAAATA
CTACATCCACGATGCTCTGATCTCATCGATTGCTGTGATTTGGGCTTTCAGCCAGCCTGGCCCGCACC
TTTCGGACCTACCTCTCAGCAGAATATAACCTGGAGACCTCTCGCCACGAGGGCCTGGACATCATAGAGA
ATGCAAGTGGACAACCTGGACTCCCGGAGTGACAAGCACACAGTCAAGGACATGTGCAGCCAGGTCTTCTG
CCCTCCACTCAAGTTTGAGTTCAGCCCCACATGGGGGATGAGGTCTGCCAGGTGAGTGCACAGCAGCCT
GTCCAGACGGAGCTGCTTATGCGGTACCACCAGCTGCAGTCCAGGCTGGCCACTCTCAAGATTGAGAACG
AAGAGGTTAGGAAAACCTGGATGCCACCATGCAGACCTACAGGACATGCTGACCGTGGAGGACTTTGA
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AGCAAAATCAACATCGCCAAAAGGAGAGCAACCAGCAGGAGACAGAAATGTTTTATTTTACAAAATTTA
AAGAATATGTGAATGGCAGTAACCTCATACCAAGCTGCAAGCCAAGCATGACTTACTCAAGCAGACCTT
GGGTGAAGGGGAGAGAGCAGAGTGCAGGACAACCAGGCCCCCTGTCTTCCCCTAAACCACAGAAAATG
AGGAGACCTAGGCCTCTTTCAGTGTATAGCCATAAACTCTTTAACGGCAGTATGGAAGCGTTCATTAAGG



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ATTCAGGACAAGCTATACCACTTGTAGTCGAGAGCTGTATTCGATTCATCAATTTATATGGACTCCAGCA
 GCAGGGGATCTTCAGAGTTCAGGGTCTCAGGTTGAAGTCAATGACATCAAGAATTCCTTTGAGAGAGGT
 GAAGACCCCTCGTGGATGACCAAAATGAGCGAGATATCAATTCAGTTGCTGGTGTAAAACTGTATT
 TCCGAGGACTGGAAAACCACTCTTTCTAAGGAAAGGTTTCAAGATTTGATATCTACTATTAACCTGGA
 GAACCCAGCTGACAGGGTGCACCAATCCAGCAGATCCTCATCACCTGCCCGCGTGGTCATTGTGGTC
 ATGAGATACCTCTTTGCTTTCTCAATCACCTTTCCCAGTACAGTGATGAGAACATGATGGATCCCTACA
 ACTTGGCCATCTGCTTCGGGCCACCTCATGCACATCCCTGATGGCAGGACCCTGATCCTGCCAGGC
 ACATGTCAATGAAGTCATCAAAACCATCATCATCCACCATGAAGCCATTTCCCCAGCCGAGGGAGCTA
 GAGGGACCCGTATACGAAAAATGCATGGCTGGAGGGGAAGAGTACTGTGACAGCCACACAGTGAGCCGG
 GGACCATGATGAAGTTGACCATGACAATGGCAGGAGCCTCATACCAGCGATGAAGAAGTGAACAGAT
 CGAGGCCATCGCCAAGTTTGACTATGTGGGGCGTCCCCTCGTGAATCTTTCAAAAAAGGGCCCTCA
 CTACTCTGTACCACCGTGCCTCCGAGGACTGGTGGGAGGGCCGTCAATGGCGTAGATGGACTCATCC
 CTCATCAGTACATAGTTGTACAGGACATGGATGATGCCTTCTCCGATAGCCTGAGCCAAAAGGCTGACAG
 CGAGGCCAGCAGTGGGCCACTGCTGGATGACAAGGCTCCTCCAAGAATGACCTCCAGTCCCCACAGAG
 CACATCTCTGATTACGGCTTTGGGGGGTGTGGGCCAGTGAGACTACGGTCCGACGGAGCAGCCATCC
 CCAGGCGCCGAAGTGGGGGCGACACACAGCCACCCCGGGGCTTGGTCCCAGCATAGATACGCCACC
 CCGAGCTGCTGCCTGTCCAGCAGCCCCACAATAATCCCCCTCAGCCGGGACGGATTGAGAGCCCTGAG
 AAGAGGAGGATGGCGACGTTTCGGAAGCGCTGGCAGCATCAACTACCCTGACAAGAAGGCGCTGACAGAAG
 GGCTCTCCATGAGGTCAACTTGGCGTCCACTCGACACAGCAGCCTAGGGGACCACAAGTCCCTAGAGGC
 TGAGGCCCTCGCAGAAGACATCGAGAAGACCATGAGCAGGCTCTTTCATGAGTTGCGGAACTTGAGAGA
 CAGAACACTGTCAAGCAGCACCAGATGTGGTGTGGACACCTTCAAGCCAGCCCTAAAGAATCCACCAGGCC
 CCATCAGCTCAGAGCCTGCCAGCCCCGTCACACCATTGTATCCGAGACCCCGATGCTGCCATGCGTCCG
 AAGCAGCAGCTCGTCTACAGAGATGATGACCACCTTCAAGCCAGCCCTGTCGGCTCGCTGGTGGTCC
 CAGCTGCGTCCACCCCATGCGTCCAGTCCAGACCTGTGGTCCAGCACCAGTCCAGCAGCAGCAGCAGCT
 CAGGTGTGGGAGCCCGCAGTGACACCTACCGAGAAGATGTTCCCTAATAGCTCCTCAGACAAGTCCGG
 CACTATGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001191975
- Insert Size:** 3300 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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: [NM_001191975.1](#), [NP_001178904.1](#)

RefSeq Size: 3671 bp

RefSeq ORF: 3300 bp

Locus ID: 500287

Cytogenetics: 4q42