

Product datasheet for RN217466

Srgap1 (NM_001191784) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Srgap1 (NM_001191784) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Srgap1
Synonyms:	RGD1566260
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN217466 representing NM_001191784 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCCACCCCGAGCAGATTCAAGAAGGACAAAGAGATCATAGCCGAGTATGAAAGTCAAGTCAAAGAAA
TCCGAGCTCAGCTGGTAGAGCAACAAAAATGCCTGGAGCAGCAGACGGAGATGCGAGTTCAGCTGCTCCA
GGACCTACAGGATTTCTCCGGAAGAAAGCCGAAATTGAGACCGAATATTCTCGAACCTGGAGAAGCTG
GCAGAAAGGTTTCATGGCCAAAACAAGAAGCACTAAGGACCATCAACAGTTCAGAAAGACCAGAACCTGT
TGCTCCGGTGAAGTGGTATTTGCTCCTGAACCAAGTGAGAAGAGAGAGCAAAGACCACGCCACCTT
GAGTGACATCTACCTGAACAACGTCATTATGCGGTTTCATGCAGATAAGCGAGGACTCCACCCGGATGTTT
AAAAAGAGCAAAGAGATTGCATTCCAGCTGCACGAGGACTTAATGAAGGTTCTTAACGAGCTTTACACGG
TGATGAAAACCTACCACATGTACCCTCGGAGAGCATCAGTGCAGAAAGCAAGCTGAAAGAAGCCGAGAA
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CGGCGGAGCTCTGTAAAGAAAATGAAAAAATGAAGGAAAAGAGACAAGCAAAATACTCAGAAAACAAGC
TGAAGTCGATCAAAGCACGCAACGAGTATCTCCTAACCCCTGAAGCAACCAACGCCTCTGTGTTCAAGTA
TTACATCCACGACCTTTCCGACTTAATCGATTGCTGTGATCTCGGCTACCATGCAAGTCTGAACAGAGCC
CTCAGAACATACCTCTCGGCGGAGTACAACCTTGAAACCTCCAGACACGAAGCTTAGACATCATTGAAA
ATGCTGTGGACAATTTAGAGCCAAGAAGTGACAAGCAGAGATTCATGGAGATGTACCCTGCGGCATTCTG
CCCACCAATGAAATTTGAGTTTCAGTCTCACATGGGCGATGAGGTGTGTGAGGTGAGGTCAGCGCCAGCAGCCC
GTCCAGGCGGAACTCATGCTCAGGAACCAACAGCTGCAGTACGACTGGCCACGCTCAAGATCGAGAGCG
AGGAGGTCAAGAAAACAACAGAAGCCACCCTCCAGACGATCCAAGATATGGTCACTATTGAGGACTACGA
TGTGTCCGAGTGTCTCCAGCACAGCCGATCCACAGAGTCTGTGAAGTCCACTGTGTCTGAAACCTATCTG
AGTAAACCCAGCATCGCCAAGAGACGAGCTAACCAAGAACTGAGCAGTTCTACTTCATGAAACCTC
GAGAGTTCCTGGAAGGCAGTAGCCTCATCAAAAGCTCCAAGCTAAACACGACTTGTGCAGAGGACTCT
TGGAGAAGGTCATAGAGCTGAATACATGACTACAAGGCCCTCAAACGTCACCCCTAAGCCCCAGAAACAC



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AGGAAGTCCAGGCCCGCTCCCAGTATAATGCTAAGTTGTTTAAATGGGGATTTGGAGACATTCGTCAAGG
 ACTCAGGCCAGGTTATCCCTCTCATTGTGGAAAGCTGCATCCGATTCATCAATCTCTATGGTCTTCAGCA
 TCAGGGGATTTTCAGAGTGTCTGGTTCCAGGTGGAAGTGAACGATATCAAGAATCTTTTCGAGAGAGGT
 GAGAATCTCTGGCCGATGACCAGAGCAACCATGATATTAACCTCTGTGGCCGGTGTCTGAAACTGTACT
 TCCGTGGGTTGGAAAACCCCTCTTTCTAAGGAAAGGTTAACGACCTCATTCGTGTATCAGAATAGA
 TAACTCTATGAGAGGGCACTCCACATCCACAACTCCTCCTGACCTTGCCAGGTGAGTGGACCTTACA
 ATGAGGTACCTGTTCCGCTTCCCAATCACCTCTCCCAGTACAGTGACGAGAACATGATGGACCTTACA
 ATCTGGCCATTTGCTTTGGCCCAACACTGATGCCAGTTCGGGAAATACAGGACCAAGTGTCTTGCCAGGC
 ACACGTGAACGAGATCGTGAAGACGATCATTCATCACGAGACTATTTTCCCAGATGCGAAAAGAACTG
 GATGGCCCTGTGTACGAGAAATGTATGGCCGGAGGCGACTACTGCGACAGCCCATACAGTGAAGTGGTA
 CCCTGGAGGAGGTGGACCAAGACGCTGGCAGAGCCCATACCAGTGAAGACGAGTGTGAGCCCATCGA
 AGCCATAGCCAAGTTTGACTATGTCGGGCGGTGAGTACAGAGCTGTCTTCAAGAAGGGTGTCTCACTG
 CTGCTGTATCACCAGCTTCTGAGGACTGGTGGGAAGGCAGACACAACGGCATCGATGGGCTTGTGCCTC
 ATCAGTACATAGTTGTGCAAGATATGGACGATACATTTTCAGACACGCTGAGCCAAAAGCCGACAGCGA
 AGCCAGCAGCGGGCCAGTCCCTGAAGACAAGTCCCTCATCAAGGACATGAACTCCCGGACTGACCCCAT
 TCCGATAGCTATTTAGCCAGACAAAGAAAGAGAGGAGAACCACCCCTCCGGGAAGACGTCTGGAAGGA
 CCAAGTGAACGATGTCCTCCCTGCATCCCCACATGCTCTGTCTAACTCCTCGATTGATCTGGGATCCCC
 AAACCTAACCGGTCAACCCAGGGGCTGTGTCAGAACCGTGGCCTCAACAATGACAGTCTGAGAGGCGA
 CGCCGGCCGGCCATGGCAGCCTGACCAATATCAGCCGCATGACTCCCTCAAGAAGATAGACAGCCCTC
 CTATCCGGAGGTCTACGTCATCAGGGCAGTACACCGGCTTCAATGACCACAAGCCGCTAGACCCCGAGC
 AATTGCTCAGGATATTGAAGAGACCATGAATACGGCTTGAACGAACTCCGTGAGCTGGAGAGGCAGAGC
 ACAGTGAACACGCCCCGGATGTCGTGCTAGACACCTTGGAGCAAGTGAATAATCGCCACCCCTGCGA
 CTTCCACAGAATCTCTCAGCCCGCTGCACAGCGTCACCCTCAGGAGCTCAGAGCCGAGTTCGACGGAG
 CACCAGCTCCTCCAGCGATAACAATGAGTACTTTCAAGCCTATGGTGGCACCCAGGATGGGTGTCCAGCTG
 AAGCCCCAGCCCTTAGGCCAAAGCCTGCTGTTCTTCAAAAAACAACCCCTACTGTAGGACCTGCCGCAC
 CTGCCAGGGTCCACAGACAAGTCTTGACGATGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001191784
- Insert Size:** 3258 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_001191784.1](#), [NP_001178713.1](#)

RefSeq Size: 3258 bp

RefSeq ORF: 3258 bp

Locus ID: 314903

Cytogenetics: 7q22