

Product datasheet for **RN211192**

Rgs3 (NM_019340) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rgs3 (NM_019340) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rgs3
Synonyms:	SRB-RGS
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN211192 representing NM_019340
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAACCGCTTCAATGGGCTCTGCAAAGTGTGCTCAGAACGCCGTACAGGCAGATCACCATCCGGAGGG
 GAAAAGACGGCTTTGGCTTCACCATCTGCTGTGACTCTCCGGTCCGAGTCCAGGCTGTGGATTCTGGGG
 CCCAGCAGAGAGGGCGGGCTGCAGCAGCTGGACACAGTACTACAGCTGAATGAGAGGCCGTGGAACAC
 TGGAAATGTGTGGAGCTGGCACACGAGATCCGGAGCTGTCCAGCGAGATCATCTGCTCGTGTGGCGTG
 TGGTCCCCCAGATCAAGCCAGGGCCAGATGGCGGAGTCTTGAGGCGGGCCTCTGCAAGTCCACACATGA
 TCTCTGTCAACCCCTAACAAAGAGGGAGAAGAACTGTACTCACGGGGCTCCAACACGTCCCGAGCAGCGC
 CACAGCTGCCACCTGGTGTGCGACAGCTCTGATGGGCTACTGCTCGGAGGCTGGGAGCGCTACACTGAGG
 TGGGAAGCGCAGCGCCAGCATACCCTGCCTGCACTGTCCGGGCCACCACCCCTACTGACCCCAACTA
 CATCATCTGGCCCCACTGAATCTGGAAGCCAGTTGCTGCGGCCTGTGTACCAGGAGGATGCCATCCCT
 GAAGAACCAGGGACTACTACTAAAGGAAATCGTACACTGGCCTGGGCAAGAAGTCTCGTTGTGAAGA
 CAGTGCAGACCATGAAGGGCCACAGCAACTACCAAGATTGCTCAGCCCTGAGACCACACATCCCACATTC
 AAGTTACGGCACCTATGTCAACCTGGCCCCAAAGTCTGGTATTCCTGTCTTTGTGCAGCCCCTAGAT
 CTCTGTAACCCCTGCCCGACTCTCTGTGTGTCAGAGGAGCTGTGCTCTATGAGGGGAGGAACAAGACTT
 CCCAGGTGACACTGTTTGCTACTCGGACTGTGCTGTTCACTAAGGAGGAGGAACCAGGCCGCTGTGA
 CGTCTGAGAAACCCCTCTACCTCCAGAGTGTGAAGCTACAGGAGGGTTCTTCAGAAGACTTGAATTC
 TGTGTGCTGTACCTGGCAGAGAAGGCAGAGTGTATTCACTTTGGAGGCTCACTCGCAGGAGCAGAAGA
 AGAGAGTGTGCTGGTGCCTGTGCGAGAACATCGCAAGCAGCAACAGCTGGTGCACACCTACGGAGAG
 GAAGATGTTTGAGACAGAGGCAGATGAGAAGGAGATGCCCTGGTCGAGGGGAAGGGGCCAGGTGCTGAG
 GAACGCACACCCAGCAAAGACCCCTCTCCAGCCAGGAGTGCCTCCAGGACAAGAAGTCCACCCAGCA
 AAGACCCCTCTCCAGCCAGGAGTGCCTCCAGGACAAGAAGTCCACCCAGCAAAGACCCCTCTCCAG
 CCAGGAGTGCCTCCAGGACAAGAAGTCCCATCCAGCAAAAACCCCTCTCCAGCCAGGAGCTTCTGCA
 GGACAAGACCTCCACCCAGGAAGGAATCCTTTTCAGGCCAAGAAGCAGCTCCTGGCCCAGAGTACCAT
 CCAGTGAAGACATAGCAACCTGCCAAAACCCCTCAAAGCCAGAAACCTCAACAAGCAAGGACTCCCC
 ACCAGGCCAGGGATCCTCTCAACCACAGAAGTCCCATCTTGCCAGGGACTTCTGCTGGTCAAGAACT
 ACAAGCCAGGACCTCTGCTCAGTCAAGAGCCCTGCTATCCAGAATCCTCTGCTCCGATCAGAATG
 TTCTACCTCTCAGGAGTCACTCCAGCCAGGGCTCCCTATCAGAGAAGGCCCTTGTGAGCAGACCAT
 CAGCCCCGGGGAGCTACCAGCGGCCACTGCAGGTGAACCTTCAGCTCCAGACCTAATTTTGTGATCCCC
 GAGGTCCGCCTGGATAGTGCCTACAGCCAGCAGGATGGAGCCATGGAGGCAGCTCTGGTGGAGTGGG
 ATGCAGAAGAGGGAGAGGAGGGGGAAGAAGGGGAGGAAGATGAGGAGGACGACCAACGACGACAACTA
 CGGGGATCGTAATGAGGCCAAGCGCAGCAGCCTGATTGAGACTGGCCAGGGCGCCGAGGGTGGCCTCTCG
 TTGCGTGTGCAGAACTCGCTGCGGCGCCGACGCACAGCGAGGGCAGCCTGCTGCAGGAGGCCCTGGGC
 CCTGCTTTGCCTTGACACCACCTACTGCTGATGGTGGGGCACCACATCCACCTGGGCCATCCC
 TTCTCCCCGACCCCTCAAAAAGAAGTGGTGTGTAATGGAGGCTCCATGCACCACCTTTCCCTGTTCTTC
 ACTGGGCACAGGAAGATGAGTGGGACTGACCTCGCAGATGACGTTGAAGCCTCCCGAAGAGAAAGAGCA
 AAAACATAGCCAAGGATATGAAGAATAAGCTGGCCATCTTCAGGCGGCGAATGAATCTCTGGGGCCCA
 GCCAGCCGGAAGGCAGACAAGACAACCAAGTCCCTCAAGCCTACCTCCGAGGAAGCCCTCAAGTGGAGC
 GAGTCCCTGGAAAAGCTGCTGCTTATAAATATGGCTTAGAAGTGTCCAGGCCTTCTTCGCACAGAGT
 TCAGTGGAGAACTGGAGTTTGGCTGGCTTGTGAGGATTTCAAGAAGGTCAAATCGCAGTCCAAGAT
 GGCAGCCAAAGCCAAGAAGATCTTTGCTGAGTTCATCGCGATCCAGGCTTGAAGGAGGTAACCTGGAC
 TCGTACACACGAGAACACACTAAGGAGAACCTGCAGAGCATACCCGAGGCTGCTTTGACCTGGCACAAA
 AACGTATCTTCGGGCTCATGAAAAGGACTCTTACCCTCGCTTCTCCGCTCTGACCTCTACCTGGACCT
 CATTAACCAGAAGAAGATGAGTCCCCACTC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_019340
Insert Size:	2904 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:	<u>NM_019340.1</u> , <u>NP_062213.1</u>
RefSeq Size:	3722 bp
RefSeq ORF:	2904 bp
Locus ID:	54293
UniProt ID:	<u>P49797</u>
Cytogenetics:	5q24
Gene Summary:	inhibits G-protein coupled receptor signaling by activating Galpha subunit GTP hydrolysis; negative regulator of muscarinic m3 receptor signaling [RGD, Feb 2006]