

Product datasheet for **MC216302**

Rgs11 (NM_001081069) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rgs11 (NM_001081069) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rgs11
Synonyms:	C78048
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216302 representing NM_001081069
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCATGGTTACCCGCTGCACACCCACGGCGGGTGTCCCGAATGCAGAGACCCGATCTCAGCAAGA
 TGGAGCGGGTAGTCGTGAGTATGCAGGACCTGACCAAGGCGTGAAGATGCGGAGCCAGCGCCTTCTGAT
 CACTGTCAATCCCCACGCGGTAGCGGGCAGAGACCTCGTGAATGGCTGGTTCAGAAGTTCTGCATCTTG
 GAGGATGAAGCCCTGCACCTGGGCACACTCCTGGCGCAGCACGGGTACATCTACCCACTGCGTGAGTCCC
 GAGACCTGACACTCAGGCCGGACGAGACCCCTACAGGTTCCAGACACCCTACTTTGGACAAGCACTAT
 GTGGCCAGCTGCTGAGCTAGACTATGCCATCTATCTGGCTAAGAAGAACATCCAAAAACAAGGGCTTTA
 GTGGACTATGAGAAGAACATTATGCCCTGCTGCACAAGAAGATCAACCATGCATGGGATCTGGTATTGA
 TGCAGGCTCGAGAGCAGCTGCGGGCTGTAAGCAGCGCGGAAGGGAGACAGAATGGTCATTTTCGTGTCA
 GGAGCAGACATACTGGCTGGTGAATAAGCCCCCTCCTGGGGCACCTAACATTTTGGAGCAGGGTCTGAG
 AGGGGCTCTTACAACCCAGTCACATGCAGATGAGCTCGGATTTCTATAAGTGTGAGATCGAGTGCCTCA
 GGAAGGCACTGGGCAGGAACCGGGTGAAGTCTCTGCCTGCCTCGAGGCGTACCTGAAGTTCAGCAGCCA
 GCACGGGCCGATGATCCCATCATGTGAGGGTGTCTGCCAGCAACCCCTGGATCACAGATGATGTCACC
 TACTGGGCCATGAATGCGCCCAACGTGGCTGCCCCACAAAACCTCCGCGTTGAGCGATGGAGCTTCAGCT
 TCCGGGAGCTGCTGGATGACCCCGTGGGGCGTGCCCACTTCATGGACTTCTCCAGAAGGAATTCAGTGC
 GGAAAACCTCAGCTTCTGGGAGGCATGTGAGGAGCTGCGCTTTGGCGGACAGGCCAGGTCCCCACCTTG
 GTGGACTCTGTGTATCAGCAGTTCCTGGCCCTGGAGCTGCCCGCTGGATCAACATTGACAGCAGGACGA
 TGGAGCGGACCCGGAGGGTCTGCGCCAGCCACCCGCTATGTCCTGGATGCAGCACAGCTTCACATCTA
 CATGCTCATGAAGAAGGACTCCTATCCAAGGTTCTGAAGTCTGACATATAACAAGGGCCTGCTGGAGGAA
 GCTGTGATTCCACTGGAGACAAAGCGCTGGCCATTTCCATTCTTGCAGGAGCCTCTGCACTCAAGCCCCA
 GCCCTGCTCTCCAGTCTACCCCAAGGGAGCCTGCAGCAACCAGTCCCCTGAAGGTGCCGATGGGGAGTA
 G

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001081069

Insert Size: 1401 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: [NM_001081069.1](#), [NP_001074538.1](#)
RefSeq Size: 2006 bp
RefSeq ORF: 1401 bp
Locus ID: 50782
Cytogenetics: 17 A3.3
Gene Summary: Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thereby driving them into their inactive GDP-bound form.[UniProtKB/Swiss-Prot Function]