

## Product datasheet for RC210348

### RGS22 (NM\_015668) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	RGS22 (NM_015668) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	RGS22
Synonyms:	CT145; PRTD-NY2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RC210348 representing NM_015668 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGCCCGAGAAGAGGCTCACCGGAGCCACCACTATTACAGAAGAAGAATTTGAAGATTCTCTGGCAA  
CAGATGATTTCTGTAGACTACTTTAATGAATTCCTAAGCCTTCCAACCTTTTCAGAGGCAATTAGATT  
TAATGCAGATTATGGAGTTTTTGAAGTAGCTAATGATGCTCCACAATTTCTGGAAAAACCACTGAAAAA  
ATTCTACAAAACCAAGCAACCTCGAAATCCCATTTATGATGTTGTAAGGAAAGGAAAGAATGAGGTTAAAC  
CTGTTCAAATGAATGCCCCGATGAAGATGAGACCATTATGTCAACTACAATATTATGTGTCTCAGTCG  
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ATTTTTCTCCCTGGATCGTGA AAAAACCACCCAGTCTACCACCTCCTGCCACTGAAGAAGATAATCTTGT  
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GCAAAAACAAAGTCAGCAACAGTATCAACCTTTTCGTTACCCTGTTGTGTACCCTACAACAACTTAAAT  
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CAGCCTCAACAAAATATGCTAGTGTGCTGAACTGAAATCTGGCACCTCCGTCAAGCAAAACCAAGGAAGGA  
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
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Protein Sequence: >RC210348 representing NM\_015668  
 Red=Cloning site Green=Tags(s)

MPEKRLTAEPTITEEFEDSLATDDFLVDYFNEFLSLPTFSEAIRFNADYGVFEVANDAPQFLEKQLKK  
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 QAYHQLFYQETLQPFKVKQAQYLFATYVAPSATLDIGLQQEKKKEIYMKIQPPFEDLFTAEEYILLLL  
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 LNKKYFFGPNSPASLYQQNQVMHLSGGWGKILHEQLDAPVLEIQKHVQNRLENVWLPFLASEQFAARQ  
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 MTIFGVLKFWPQFCFRKRLTDENIMSVLERRQEYNKQKKLAVLEDEKSGKDGKIKQYANTSVPAIKTA  
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TRTRPLEQKLISEEDLAANDILDYKDDDDKV

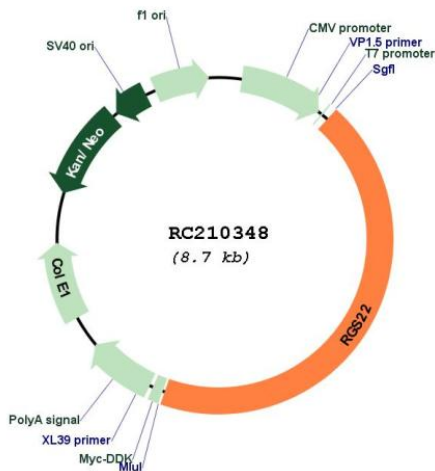
Chromatograms: [https://cdn.origene.com/chromatograms/mk8114\\_e02.zip](https://cdn.origene.com/chromatograms/mk8114_e02.zip)

Restriction Sites: SgfI-MluI

Cloning Scheme:



## Plasmid Map:



ACCN: NM\_015668

ORF Size: 3792 bp

**OTI Disclaimer:** Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

RefSeq: [NM\\_015668.5](#)

RefSeq Size: 4184 bp

RefSeq ORF: 3795 bp

Locus ID: 26166

Domains: RGS

MW: 147 kDa