

Product datasheet for **RN206697**

Rgs2 (NM_053453) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rgs2 (NM_053453) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rgs2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN206697 representing NM_053453 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCAAAGTGCCATGTTCTGGCTGTCCAGCACGACTGCGTACCCATGGACAAGAGCGCAGGCAACGGCC
CCAAGGTCGAGGAGAAGCGGGAGAAAAATGAAGCGGACACTCTTAAAAGATTGGAAGACCCGTTTGAGCTA
TTTCTTGCAAACTCCTCTACTCTGGGAAGCCAAAACCTGGCAAGAAAAGCAAACAGCAAACCTTTATC
AAGCCTTCTCCTGAGGAAGCGTGCTCTGGCAGAAAGCATTGATGAACTGCTGGCCAGCAAATATGGGC
TTGCTGCATTAGAGCGTTTTTAAAGTCCGAGTTCTGTGAAGAAAATATTGAATTCTGGTTGGCTTGCGA
AGACTTCAAGAAAACCAATCACCACAGAACTGTCTCAAAGCAAGGAAAATATACACCGACTTCATC
GAGAAGGAAGCTCCCAAAGAGATAAACATAGACTTTCAAACAAAACCTGATTGCCAAAATATCCAAG
AGGCTACAAGTGGCTGCTTACCACAGCGCAGAAGAGGGTGTACAGCCTGATGGAGAACAACCTTTATCC
TCGTTTCTTGAATCAGAATTTATCAGGACTTGTGTAAGAAAGCCACAGATCACCACGGAGCCCCATGCT
ACATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_053453
Insert Size:	636 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).



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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:	NM_053453.2 , NP_445905.1
RefSeq Size:	685 bp
RefSeq ORF:	636 bp
Locus ID:	84583
UniProt ID:	Q9JHX0
Cytogenetics:	13q21
Gene Summary:	member of a family of GTPase activating proteins that terminate G-protein coupled receptor signaling [RGD, Feb 2006]