

Product datasheet for **MC213249**

Rgs13 (NM_153171) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rgs13 (NM_153171) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rgs13
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC213249 representing NM_153171 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGCAGGCATATCTGTTGGATTTGTAAGCTATGCAGAGATGAATCTAAGAGGCTCCCTCAAACCTTA
CTTTGGATGAAGTTTTAAAATGGGCCAATCTTTGGAAAGCTGATGGCTACAAAATATGGCCCAATAGT
GTACACAGCATATTTAAAATGGAGCACAGTGATGAGAACATTAATTCTGGATGGCATGTGAAACCTAC
AAGAAAATTGCTTCACGAAGGGCAGAATTTCTAGGGCAAAAAGCTTTACAATATCTACATCCAGCCAC
AGTCTCCTAGAGAGATTAAACATCGACAGTACAACACGGGAAGCTATCATCAAAGCATTCTGTAACCCAC
TCAAACATGCTTTGAAGAAGCTCAGAAGATTGTATACATGCACATGGAATGGATTCTTACCCAGATT
TTAAAGTCTGAAATGTACCAACAACCTCTGAAAAGCTGTTCAATCCCAAAGCTCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_153171
Insert Size:	477 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).



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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_153171.4](#), [NP_694811.1](#)

RefSeq Size: 1497 bp

RefSeq ORF: 477 bp

Locus ID: 246709

UniProt ID: [Q8K443](#)

Cytogenetics: 1 62.56 cM

Gene Summary: Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thereby driving them into their inactive GDP-bound form. Binds to both G(i)-alpha and G(q)-alpha.[UniProtKB/Swiss-Prot Function]