

Product datasheet for **MC207486**

Rgs1 (NM_015811) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rgs1 (NM_015811) Mouse Untagged Clone
Tag: Tag Free
Symbol: Rgs1
Synonyms: BL34
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC207486 representing NM_015811
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGAGCGGCAGCCATCTCCATGCCAAGGTTGAACAAAATGCCAGGAATGTTCTTTCTGCTAGCCAA
AGGATTCGAAAGAACACAGCCATTCTTCTTAGACGACAAAAAGCAGAAAAAAGGCCAAAGACTTTTGG
AATGGACGTGAAAACATACCTGAGATCGATGATCCACATCTGGAATCTGGGATGAAATCGCCAAGTCC
AAAGACATACTTTCTGCTGAAGAAGTAATGCAGTGGTCTCAGTCTCTGGAAAACTCCTTGCCAACAGAG
CAGGTCAAATGTCTTTGGAAGATTTCTAAAGTCTGAATTCAGTGAGGAAAATATTGAATTCGGTTGGC
TTGTGAGGACTATAAGAAAACAGAGACTGATCTTTTGCATAACAAAGCAGAGAATATATACAAAGCATT
GTGCATTCAGATGCTGTGAAACAAATCAATATTGACTTCATACTCGAGAATCGACAGCCAAGAAGATTA
AAACACCAACTCCACATCTTTTGGATGAAGCACAAAAAGTCATATATTCATCTCATGGAAAAAGATTCTTA
TCCAGGTTCTGAAATCAAATATTTACTTAAATCTTCTAAATGACCTTCAGGCAAATACTTTAAAG**TGA**

ACGCGTACGCGCGCCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_015811
Insert Size: 630 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_015811.2 , NP_056626.2 |
| RefSeq Size: | 1343 bp |
| RefSeq ORF: | 630 bp |
| Locus ID: | 50778 |
| UniProt ID: | Q9JL25 |
| Cytogenetics: | 1 62.56 cM |
| Gene Summary: | Regulates G protein-coupled receptor signaling cascades, including signaling downstream of the N-formylpeptide chemoattractant receptors and leukotriene receptors. Inhibits B cell chemotaxis toward CXCL12 (PubMed:10779778). Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thereby driving them into their inactive GDP-bound form (By similarity).[UniProtKB/Swiss-Prot Function] |