

Product datasheet for **RN201814**

Rap1gds1 (NM_001107728) Rat Untagged Clone

Product data:

| | |
|--------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | Rap1gds1 (NM_001107728) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Rap1gds1 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



[View online »](#)

Fully Sequenced ORF: >RN201814 representing NM_001107728
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCGAATCCCATGTGTAGATGCCGGATTGATTTACCACCTGGTACAGCTGTTAAATAGCAAAGACCAGG
 AAGTGCTGCTTCAAACCTGGCAGGGCATTAGGAAACATATGCTATGATAGCCATTCCTTCAGGCTCAGCT
 AATCAATATGGGTGCATCCCGACCTTAGTGAAGTTACTGGGCATCCACTGCCACACGCTGCTCTGACA
 GAGATGTGCCTCGTGGCATTGGGAACTTAGCAGAACTCGAGTCGAGTAAAGAACAGTTTCTAGCACAA
 ACATTGCCGAAGAAGCTGGTAAAACCTATTCAAGAAACAAATAGAGCATGATAAAAGAGAAATGATTTTCGA
 AGTTCTAGCTCCATTGGCAGAAAATGACGCCATTAACCTGCAGCTGGTTGAAGCAGGTTTGGTCGAGTGC
 CTCCTAGAGATTGTTGAGCAGAAGGTGGACAGTACCAAAGAGGATGACCTTGCTGAGCTCAAACCTGCTT
 CAGACCTCATGGTTTTACTTCTGGAGATGAATCCATGCAGAACTTTTTGAAGGAGGAAAAGGCAG
 TGTGTTCAAAGGGTGTCTCTTGGATTCCATCGAATAGCCAGCAGCTGCAGCTTCTGGGGCATTGGCC
 ATTGCAAATTTGCCAGGAATGATGGGAATTGTATTCATATGGTAGACAATGGGATTGTAGAAAACTCA
 TGGATTTGCTGGACAGACACGTAGAAGACGGGAACGTGACGGTACAGCATGCAGCACTGAGCGCCCTCAG
 GAACCTAGCCATTCCAGTTGTAATAAAGCAAAGATGTTATCAGCCGGGGTACAGAGACGGTTTTGAAG
 TTCCTTAAATCTGAAATGCCCCAGTTCAGTTCAAACCTCTGGGAACGCTAAGAAATGTTAATAGATGCAC
 AAGCAGAAGCTGCTGAGCAACTGGGAAAGAACGCTAAGTTGGTGGAGCGCTTGGTTGAGTGGTGTGAAGC
 CAAAGATCATGCCGGTGTGATGGCGAGTCAAACAGACTGCTGTCCGCTCTACACGACACAGTAAATCA
 AAAGATGAATTAACCATTGTACAGAGCGGTGGCATCAAGCATCTAGTTACCATGGCAACTAGTGAGC
 ATGTGATAATGCAGAATGAGGCTCTCGTCGCTGGCCTAATTGCAGCTTTGGAATGGGTCCTGCGGA
 GAAAGATCTCGCAAGTGCTCAGCTTGTCCAGATCCTACACCGACTGCTAGCAGATGAGAGAAGTGCCCGG
 GAAATCAAGTATAACTCCATGGTTCTGATCTGTGCTCTCATGGGCTCTGAAGCACTACACAGGAAGTAC
 AAGACTTGGCCTTCTAGATGTTGTATCCAAACTTCGAAGTCATGAGAACAAAAGTGTGCCCAACAGGC
 CTCGCTCACAGAGCAGAGACTTACAGTGCAAAAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001107728
- Insert Size:** 1437 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_001107728.1](#), [NP_001101198.1](#)
RefSeq Size: 3397 bp
RefSeq ORF: 1437 bp
Locus ID: 310909
Cytogenetics: 2q44