

## Product datasheet for **RN207363**

### Rasgef1c (NM\_001108273) Rat Untagged Clone

#### Product data:

|                           |                                            |
|---------------------------|--------------------------------------------|
| Product Type:             | Expression Plasmids                        |
| Product Name:             | Rasgef1c (NM_001108273) Rat Untagged Clone |
| Tag:                      | Tag Free                                   |
| Symbol:                   | Rasgef1c                                   |
| Mammalian Cell Selection: | Neomycin                                   |
| Vector:                   | pCMV6-Entry (PS100001)                     |
| E. coli Selection:        | Kanamycin (25 ug/mL)                       |



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**Fully Sequenced ORF:** >RN207363 representing NM\_001108273  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGC**

ATGCCCCGGACACTGACTGCCTCCGACATGGTCACCCAGGCAGCCTCAGCCCGCTCCCATAGACTCCA  
 CAGAAGGAGAGCAGGCTGGGCAGCCCCCTCTGGACGGAGCTCCATCCTCAGCCTCTTTGGAGACCTGAT  
 TCAGCACCTCGTCCACAGCCGATTACTATCCTGAGAAAGCCTACATCTTCACCTTCTGCTGAGCTCT  
 CGTCTCTTCATCGAGCCCCGAGAGCTCCTGGCTCGTGTGTGTACCTGTGCATAGAGCAGCAACAGCTGG  
 ACAAGCCGGTGTGGACAAGGCCGAGTCCGGAAGTTGGTGCCAAATTGCTCCAGTTGTTAGCCGAGTG  
 GACTGAAACCTTCCACGGGACTTTGAAGAGGAGTCCACCATCGGACACCTGACAGAGCTGGTGGCCGC  
 ATCTCCCCATGTGACGAGACCTACGAAACAGGATGCACCAGCTCCTGCAGACTCTGCACGAAATTGG  
 CATCACTTGGCCAGGGACCAGAAGGCCTGGTAGGGCGGACAAGCCCATCTCTACAGGACCAAGCCTCC  
 AGCCTCAATCCACAGGGAGCTCCTGGGTGTCTGCAGTGACCCCTACACACTGGCCAGCAACTGACCCAT  
 GTGGAGCTGGAGCGGCTTAGGCACATTGGGCCGAGGAGTTTGTCCAGGCTTTTGTGAACAAGGACCCCC  
 TGGCAGGCACAAAGCCCCGCTTCAATGACAAGACAAACACGTAGAGGCCTACGTGAAGTGGTTCAACAG  
 ACTATGTACCTGGTAGCCACAGAAATCTGCATGCCAGCCAAGAAGAAACAGAGGGCACAGGTGATCGAG  
 TTCTTCATTGACGTGGCCGAGAGTGCTTCAACATCGGCAACTTCAACTCCCTCATGGCCATTATCTCCG  
 GCATGAACATGAGTCCTGTCTCCAGGCTGAAGAAGACTTGGGCCAAAGTGAACAGCCAAGTTCTTCAT  
 TCTGGAGCACCAGATGGACCAACAGGGAATTTCTGCAACTATAGGACAGCTCTGCGTGGGCAGCCAC  
 CGCTCACTGACTGCTCACAGCAGCAGGGAGAAGATTGTATCCCTTCTTCAGCCTGCTCATCAAGGACA  
 TTTATTTCTCAATGAGGGCTGCGCCAACCGCCTTCCAATGGACACGTCAATTTTGAGAAATTTCTGGA  
 ACTGGCCAAGCAGGTTGGAGAGTTCACTTCTGGAACAAGTGAATGTCTTTTCGAGCAAGATCCAAGC  
 ATCACCCATTACCTGTACACCGACCCATCTTCAGCGAAGACGGTCTGTATTTGGCTTCTATGAAAGCG  
 AAAGTCCAGAGAACCAGACAGAAAGGAGAGGTGGAATCTCTAAGATCTTCTATTCTGGGAAGACATG  
 A

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001108273

**Insert Size:** 1401 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\_001108273.1, NP\_001101743.1  
RefSeq Size: 2229 bp  
RefSeq ORF: 1401 bp  
Locus ID: 360519  
Cytogenetics: 10q21-q22