

Product datasheet for **RN201858**

Rasgrp3 (NM_001108009) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rasgrp3 (NM_001108009) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rasgrp3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN201858 representing NM_001108009
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGTCCAACGGCCTCGGAAAGCGGCGACACTAGATGAACCTCTCAGCACATGCATTGAGATGTTTG
 ATGACAATGGAGAACTGAATGACAGCTACTTGCCAGAAATCATGCTACTGATGCATCGATGGTATTTATC
 CTCCTACTGAACTGGCAGGAAAACCTCTATGCATGTATCGGAATGCCAGCGGAGAAAAGTTGTGATGAGTTC
 CGACTGAAGATCTGCTATTTTCATGAGGACTGGATTACAAAATTTCTGCAGAGTTAAATTTGGATCTTG
 GTTTGATTCGCATGACTGAGGAGTTCGGGAAAGTACTAGTCAACTAGGATATGAGAAACACAGCAACCT
 CATGGACATATCCAGCATTCTTCTATGACTGGATGAGGAGAGTCACGCAGAGGAAAAAAGTATCAAAA
 AGGGGAAAGGCCGTCTCTTATTTGACCATCTGGAGCCATTGAATTGGCTGAGCACCTCACTTTTCTGG
 AGCATAAATCTTTAGAAGGATCTGTTACAGATTATCAGAGCTACGTCATTATGGCTGCCTGGAGAA
 TAACCCGACATTGGAGAGATCTATTGCCTATTTAATGGAATCTCTAAGTGGTCCAATTGATGGTTCTT
 AGCAAACCAAGTCTCAACAAAGGGCGGAAGTCATCACAAAGTTCAATGATAGCACAGAAACTCCTTC
 AACTAAAAAATTTAACACCTTGATGGCTGTGGTGGTGGCTTGTAGTACAGCTCCATTTCCCGACTCAA
 AGATACCCATTCTCACCTCTCTTCTGAAGTTACAAAGAACTGGAATGAGATGACAGAGTTGGTCTCCTCC
 AACGGCAATTACTGCAATTACCGCAAGGCCCTTGTGACTGTGATGGCTTCAAAAATCCCATCCTTGGCG
 TGCCTTGAAAGACTTGATAGCAGTCCATGTCAATTTCCAGACTGGATGGAAGAGAAACAAAGTGAACGT
 TGTGAAAATGCACCAGCTTCTGTTACCCTGAGTGAACGGTCTCCCTGCAGAAATGCCTCTCACCCTTG
 GAGCCTAACATGGATTTGATCAACCTCCTCACTCTCTCTGACCTCTACCACACAGAAGACGATATTT
 ATAAACTATCACTGGTGGTGGAGCCTAGGAATTCAAAATCACAGCCAACCTCCCCACAACACATAATA
 GCCTGTGGTACCCTGGAGTGGGCTTACAGAAAGTGGTACCAAAGCCAGACCCACAATCATCAACAAACAC
 ATAAGGAAGTTGGTTGAGCTCTGGGCATAAATCAAACAAGGCTACAAATGCAAAGACTGTGGAGCCAAC
 GTCACAAACAGTGCAAAGACCTCTTGGTCTGGCTGTAGGAGACTTGCCAGGGCACCTCCTTGAGCAG
 CAACCCTGAGTCACTGCCTGGAAGCCAGCCTTGCCCCAGTGCAGGATGAGGTGTTGAGTTTCTGGC
 GTCAGTCTAGACACCGAGACCTGGACAGCAGAGACATCACGCTGGTTACAGGATCTTCCCGTAAGATCT
 CCGTGAGAGTGCAGAGAGCCACCACTAGTCAAGCCACGCAACCCGAACCTGTGTGGTCAGAGGCTGTCTG
 GGGAGACTCTGGTCCCACCTTCCCCAAAATGAAATCCAAGCTCCATGACAAAGCAGCAAAGGACAAA
 GGCTTTGCCAAGTGGGAAAATGAAAAGCCACGCTACACGCTGGTGTGGATGTTGTAGATCGAGGCACTG
 CATTCGAACCTGACCAGGACGATGAGCAAGATGAAGCCCAACAGGGTGTGAGGATGGC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001108009
- Insert Size:** 1812 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_001108009.1](#), [NP_001101479.1](#)

RefSeq Size: 4293 bp

RefSeq ORF: 1812 bp

Locus ID: 313874

Cytogenetics: 6q12-q13