

Product datasheet for **RN215109**

Rasgrp4 (NM_130824) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rasgrp4 (NM_130824) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rasgrp4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN215109 representing NM_130824
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAACCGAAAGACATCAAAGGAAGTCTCATCAGGAATGCTCTGGGAAGGCAGGAGGGCATGGTCCGGC
 CGAGACAGGCCCGCCGCCACAAGACGTGTCCACCCCGGAAATCAGCAAGGTCATGGCTTCCCTGAA
 CCTGGCGGTGCTGAGTGAGAGCAGCTGCAGTGTGGATGAGCTACTGGAGGAATGCATCCGGTGTCTTGAT
 TCAGCTGGCAGCTTACACCGAGGGGACCACATTCTCAAGATGGTCTTACCATGCACAGCTGGGTGCTGC
 CATCCTCAGACCTTGCCGCCCGCTGCTGACTTCGTATCAGAAGGCTGCCAAAGATGCCCGGAGCTAAG
 ACAGCTACAGATCTGTTACCTGGTCAGGACTGGCTGACCCATCACCCCGAGGTAGTGCACCAGGAACCC
 CAGCTGGAAGCAATCATAAACCGGTTTTGGACCACTGTAGCTCAGGAGGGCAACATGGCCAAAGGAGCC
 TAGGAGATGCCTCAATCTGCTGAGTCTGGAGGGCCCGTCCCCACCTCTCATGAGCAGCCAGGCCCT
 GGGCAAAAAGCGAAAGTGTCTTGTCTGATCACCTGGAGACAGAGGAGCTGGCACAGCACCTTACT
 TACCTGGAGTTCGGTCTTCCAGGCCATCACGCCCAAGACCTGCGGGGCTATGTTTTGACGGGCTCGG
 TGAGAGGTTGCTCTGCTCTGGAAGTCTGTGGGTCTGAGCAACAGTGTGTCCCGCTGGGTACAGGTCAT
 GGTGCTGAGTCTGCTGGGCTGCGCAGCGTGCCAGGTAAGTGGACAAATTCATTCGTGTGGCACAGAGG
 CTTCCGCCAGATGCAGAATTTCAACACGCTGATGGCGGTACGGGGGGTCTGTGTCATAGCGCCATCTCCA
 GACTCAAGGACTCCCACGTCCATCTGAGCCCTGACAGCACTAAGGCCCTGCTGGAGCTGACAGAGCTTCT
 CTCTTCCACAACAATAATGCTACTACCGCCACCTGGGCCAGCTGCACTGACTTCCGGCTGCCAGTA
 CTGGGTGTTACCTCAAGGACCTGGTATCTGTATGAGGCCATCCAGACAGGTTGCCAGATGGCCGCC
 TGCACCTACCCAAGCTGAATAGCCTCTATCTACGGCTGCAGGAGCTGGCAGCACTCCAGAGACAGCATCC
 CCGTGCAGTGCCAATGAGGACCTGCTACACCTGCTGACGCTCTCCCTGGATCTCTTCTACACGGAAGAT
 GAGATCTACGAGCTTTCTATGCCCGGGAGCCAGTGTGCCAAGAGTCTGCCCTATCCCCCTCAAAG
 CGCCTGTGGTGGTAGAGTGGGCCATGGTGTGACGCCAAAGCCAGACAGTGCAGCTCTGGGTGAGCATGT
 GGAACAGCTAGTGGAGTCCGTGTTCAAGAACTATGACCCAGAAGGCCATGGCTCTATTTCTGAGGAGC
 TTTGAGAAGCTGTGAGCAACTTCCCCTTTCCTGCCATGGGCTTACCCACCTCCCCGCCAGGGAGTG
 GCTCCTCAGCAGAGAGGAGCTGACCAAGTATCTGCTCCATGCCAGCGCCATCTGCTCAAGCTGGGCTC
 GGCTTTCCTGCACGCCTCCAGGAGTCCACTTCCGCAAGCCACCTTCTGTACAGCTGCAACGGCTTC
 GTGAGCACTGGCCCTCTCTGGGGGTACCAAGCGAGGCTATCGTGTGTCAGGACTGTGGGTGTGTTGTC
 ACAGACACTGCAGGGATCAAGTGAAGTGGAGTGTAAAGAGAGGCCAGAGACTAAAGGTGACCCGGGTCC
 CCCTGGCGCACCCGGGCCAGCCACCACTTCCCTACCAGGCTGTGGCTCCGAGGAAGGTCCTCTCTAT
 ACACTCTCCCCGATCTGGAGTCTGGTTGCCACCTTACCATGCTTGGACTCAGACGGAGTCTCACACT
 CTTCTGGGAGCCAGAGATGGTGGCCTGCCAGCACCAGTTTTACCATCCAAAGTTCCTCAAAGTCCAG
 TGTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_130824
- Insert Size:** 2037 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_130824.2](#), [NP_570837.2](#)

RefSeq Size: 2164 bp

RefSeq ORF: 2037 bp

Locus ID: 170668

UniProt ID: [Q8R5I4](#)

Cytogenetics: 1q21

Gene Summary: mast cell specific guanine exchange factor [RGD, Feb 2006]