

Product datasheet for **MC219958**

Rnf207 (NM_001033489) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rnf207 (NM_001033489) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rnf207
Synonyms:	D330010C22Rik; Gm143
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219958 representing NM_001033489
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTCGGAGCAATTTTTGCGCCTCTGGAGGGCCTAAGTCCCTGGATGCTGCGAGTGGCCATCCACTTG
 TGTGTCCGCTGTGCCACGACAGTACGAGCGCCGTGCCTGCTGGACTGTTCCACGACTTCTGCACTGG
 CTGCTTGCCTGGCCGGCCACCGATGGCCGCTGTCTGTCCACTGTGCCAGCACCAGACCTAGTGAAG
 GGTCCCAGTGGCCTCCCAGTGGACCGGCTGCTGCAGTTCTGGTGGATAGCTCTGGGATGGCTCGG
 AGGCCGTGCGCTGTGCCAACTGTGACCTGGAGTGCAGCCAGCAGGACGCAGAGACCACATACTTCTGCAA
 TACCTGCGGGCAGCCCTGTGCGCGCGCTGCCGGAAGAGACGCACCGTGCAGCCATGTTGCGCGCCAT
 GACATTGTAGCCCTGGGCCAGCGACCCGCGACGTGATCCAGAAGTGTACGCTGCATTGGAGCCGTACA
 TCATGTTTTCCACCGACAAGAAGTGCCTGCTGTGCATCCGCTGCTTTCGGGACATGCAGGGGAGAGCCG
 GGCCACTGTGTGGACCTGGAGTCACTTATGTGCAAGTTGCGAGCGGTGGAGCAGCCGCTGCTGGCA
 GTGAAAGCCCTGCAGACAGCCACGAAAGAGGCCATCGCGCTGCTACAGTCCATGGTGGAGGAGGTGAGGC
 ACAGTGCAGCGGAGGAGGAGGCAGCCATCCACGCACTCTTTGGCAGCATGCAGGACAGAATGGCAGAGAG
 GAAAGCGCTGCTGCTGCAGACTGTGCAGAGCCAATATGAAGAGAAGGACAAAGCCTTCAAGGAACAGCTG
 ACCCACCTGGCCTCCTTGTGCCACTCTACAGTTTCACTGGTTCATCTGCTCTTCTTCTCAGCTTGG
 CCAGCAAAGCTGAGTTTCTGGATTTGGTTATGAGCTGATGGAGAGACTCAAGGCATCGTCACGCGGCC
 GCATCGCCTAAGACCGGCTCAGAGCAGCAAGATCGCCAGCAGCACCAGCGCAGAATTCGCGCGCTGCCTG
 GAGCCACTGTGCTGCTGGGGCCCCCGGGAGGTGCCACCCTGGGAGGCGCAACACGTTGTCAGGGG
 GCTCAAGTCCCATGGTGTGAAGACACCCAGCTGTCCCTCTCCGTTGGAAAGATGTCAGGGTCACTGT
 CCAGAAACCTCGCCACACCGTTTCATTAGCACAAAGGTGCTCCTGGCCGAAAGGCGAGGACACCCCTTC
 ACAGAGCACTGCCGCATTACGAGGATTCTATCGGGGTCTGCAGGTGGAGGTGCAGAACCTGAAGGACC
 AGGTCCAGGAACTGCACCGAGACCTCACGAAGCACCCTCCATCAAGGCGGAGATCATGGGGGATAT
 CCTGCGCAGGTCCTGCTGCTGGACACGCAGATCGCTTCTGAGTATGCCTCCTTGAAGGCGAGGAGCC
 ATCTTCCAGGAGATTTGGGAGGACTCCTACCAGCGAGTAGCTACCAGCAGGAGATCTATGAAGCCAGC
 TCCGAGACCTTCCAGCTGAGGCAGGAGAATGCCTATCTACCATTGTCACCAAGCAGATCACGCCCTA
 CATAAGCTCCATTGCCAGGTGAAGGAGCGACTGGAGCCAGGTTCCAGGTACCTGTGGATGAGCAGCGG
 GAGCACGGGCAGAACATGTATGACGAGACCCAGGCAGGACAGATCCAGGATGCACCACTGAGAAGAGAG
 ACAAGGCCTCTGAGCCCAATGGAAGCAGCTGGTCCCTGAGCAGCCTCCCGAAGGGCCTTACTAAAGAA
 CCAAGACCACCTCAGACCAAGTTGGAAGCCGGAGATGAGGGGTGGAGAGCTGGCTCAGGGTCTAAAGGG
 GCTTGCTACCAAGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001033489
- Insert Size:** 1908 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_001033489.2](#), [NP_001028661.2](#)

RefSeq Size: 2479 bp

RefSeq ORF: 1908 bp

Locus ID: 433809

UniProt ID: [Q3V3A7](#)

Cytogenetics: 4 E2

Gene Summary: Plays a role in cardiac repolarization possibly by stabilizing membrane expression of the potassium channel KCNH2/HERG, or by assisting its synthesis, folding or export from the endoplasmic reticulum, in a heat shock protein-dependent manner.[UniProtKB/Swiss-Prot Function]