

Product datasheet for **SC318086**

RNF207 (NM_207396) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RNF207 (NM_207396) Human Untagged Clone
Tag:	Tag Free
Symbol:	RNF207
Synonyms:	C1orf188
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC318086 representing NM_207396.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGC
ATGTCGGGAGCTATCTTCGGGCCCTGGAGGGCCCGAGCTCCCTGGATGCCCCGAGCATCCACCCGCTG
GTGTGCCCGCTGTGCCACGTGCAGTACGAGCGCCCGTGTCTTCTGGACTGTTTCCACGACTTCTGTGCC
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TGCAACACGTGCGGACAGCCCTATGCGCGCGTGCAGCGACGACGCCGAGCAGCATGTTCCGCG
CGCCACGACATCGTGGCCCTGGTGCAGGAAGCCGCGACGTGCCCGAGAAGTGCAGCTGCACGACAGAG
CCCTACCTCTTGTCTCCACGACAAGAAGTTGCTGTTGTGCATCCGCTGCTTCCGCGACATGCAGAAG
GAGAGCCGGGCACACTGCGTGGACCTGGAATCGGCTTACGTGCAGGGCTGCGAGCGGCTGGAGCAGGCG
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TTCGCGCGCTGTCTGGAGCCACTGCTGCTGCTGGGGCCACGTGGGTGGCAGCTGCTGCAAGTGGTGCT
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CAGGAGATTTATGAAGCCAGCTCCATGACCTTCTCCAGCTGAGGCAGGAGAATGCCTACCTGACCACC
ATCAACCAAGCAGATCACGCCCTACGTCCGCTCCATTGCCAAGGTGAAGGAGCGGCTGGAGCCAGGTTT
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TCAGCCAGGAATAATCCAGGAAGTGTCCCGAAAAGAGAGAGAAGACATCAGAGCCTAAAGGAAACAGC
TGGGCTCCGAACGGCCTCTCAGAAGAGCCTCTACTGAAAAATATGGATCATCACAGATCCAAACAGAAA
AATGGGGGCGATGTCCCCACATGGAGGGAACACCCGACTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: Sgfl-MluI

ACCN: NM_207396

Insert Size: 1905 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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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:	<u>NM_207396.2</u>
RefSeq Size:	3987 bp
RefSeq ORF:	1905 bp
Locus ID:	388591
UniProt ID:	<u>Q6ZRF8</u>
Cytogenetics:	1p36.31
MW:	70.9 kDa
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]