

Product datasheet for **RC222062**

RNF208 (NM_031297) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: RNF208 (NM_031297) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: RNF208
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC222062 representing NM_031297
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCCTCTGACCCCGGGCCCGAGGCGGGCAGTGGCTGGCCGGGCCTCCTCATGTCCTGCCTGAAGGGTC
CCCATGTCATCCTCAAGATGGAGGCCATGAAGATTGTCCACCCTGAAAAGTTCCTGAGCTACCGGCTGC
CCCCTGCTTCCCGCTGCTCCCCGGCCACCCAACTCTGGCACCAAGCGTGCCTGGCCCTCAGACACA
GAGATCATTGTCAACCAGGCTGTGGGGGGACATGCCTGCCTTGAAGGGGCACCCATACCCCGCCAC
TGCCACGGCGGCCCGTAAGGGAAGCTCGGAGCTGGGCTTCCCGCGTGGCCCGAGGATGAGGTCAT
TGTGAATCAGTACGTGATTCGGCCTGGCCCTCGGCCTCGGCGGCTTCTCGGCGGCGGAGGCGAGCC
CTGGAGTGCCCACTGTGGCACTCCTACAATGTCACCCAGCGAGGCCCGCGTGTCTGCTGCTGC
ACTCTGTGTGAGCAGTGCCTGCAGATTCTCTACGAGTCTGCCCAAGTACAAGTTCATCTCCTGCC
CACCTGCCCGGTGAGACTGTGCTCTTACCGACTACGGCCTGGCCGCGTGGCTGTCAACACGTCCATC
CTGAGCCGCTGCCGCTGAGGCGCTGACGGCCCATCCGGGGTCAAGTGGGGGCTGAGCCGAGGGCA
GCTGCTACCAGACCTCCGGCAGTACTGTGGGGCCGCTGCACCTGCCACGTGCGGAACCCACTGTCCG
CTGCTCCATCATG

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC222062 representing NM_031297
Red=Cloning site Green=Tags(s)

MPSDPGPEAGSGWPGLLMSCLKGPHVILKMEAMKIVHPEKFPPELPAAPCFPPAPRPTPTLAPKRAWPSDT
 EIIVNQACGGDMPALEGAPHTPPLPRRPRKGSSELGFPRVAPEDIVNQYVIRPGPSASAASSAAAGEP
 LECPTCGHSYNVTQRRPRVLSCLHSVCEQCLQILYESCPKYKFISCPTRRETVLFTDYGLAALAVNTSI
 LSRLPPEALTAPSGGQWGAEPGSCYQTFRQYCGAACTCHVRNPLSACSIM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8039_g05.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_031297

ORF Size: 783 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_031297.4](#), [NP_112587.2](#)

RefSeq Size: 1079 bp

RefSeq ORF: 786 bp

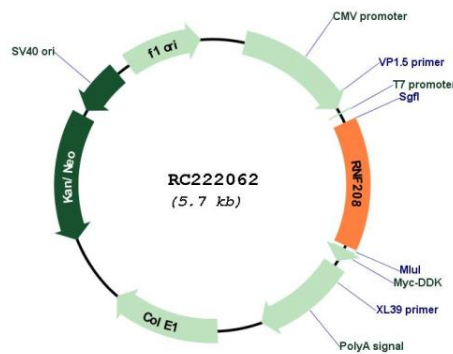
Locus ID: 727800

UniProt ID: [Q9H0X6](#)

Cytogenetics: 9q34.3

MW: 27.8 kDa

Product images:



Circular map for RC222062