

Product datasheet for **RC223192**

RNF215 (NM_001017981) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: RNF215 (NM_001017981) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: RNF215
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC223192 representing NM_001017981
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGCCCCGCCGCTCGCCCCGCGCTGAGATCGCCGCCGCCCTCCGCCGCCCTCCGTCTCCGCTGC
TGCTGTGCTGCCCTGTGCCGTGTGGCTGGGCTGGCGGGGCCGGGGCCGGCGGACGGCAGCGA
GCCGGCGCCGGGGCGGGGGCGGGAGCCCGCCGTGCGGGTGGACGTGAGACTGCCGCCAGGAC
GCTCTGGTCTGGAGGGCGTCAGGATCGGCTCCGAAGCCGACCCGGCGCCCTGCTGGCGGTCTGTGC
TGCTGATGGACATCGTGGATGCCGAGCAGGAGGCACAGTGAAGGCTGGATTGCAGTGGCATACTGGG
CAAGGAGCAGGCCGCCAGTTCCACCAGGAGAATAAGGGCAGTGGCCCGCAGGCCATCCCAAGGCCCTG
GTCCAGCAGATGCGGCGGGCCCTCTTCTGGGTGCCTCTGCCCTGCTTCTCTCATCCTGAACCACAACG
TGGTCCGAGAGCTGGACATATCCAGCTTCTGCTCAGGCCAGTGATCGTCTCCATTATTCCTCCAATGT
CACCAAGCTGTTGGATGCATTGCTGCAGAGGACCCAGGCCACGGCTGAGATCACCAGCGGAGAGTCCCTG
TCTGCCAATATCGAGTGAAGTTGACCTTGTGGACCACCTGTGGCCTCTCCAAGGATGGCTATGGAGGAT
GGCAGGACTTGGTCTGCCTTGGAGGCAGTCGTGCCAGGAGCAGAAACCCTGCAGCAGCTGTGGAACGC
CATCCTGCTGGTGGCCATGCTCCTGTGCACAGGCTCGTGGTCCAGGCCAGCGGAGGCGTCGCGGCAG
AGCCAGCGGGAGCTCGGAGGCCAGTGGACCTGTTTAAGCGCCGCTGGTGGGAGACTGGCATCCCTCA
AGACACGGCGCTGCCGGCTGAGCAGGGCAGCGCAGGGCCTCCAGATCCGGGTGCTGAGACTGTGCGGT
GTGCTGGACTACTTCTGCAACAAACAGTGGCTCCGGGTGCTGCCCTGTAAGCACGAGTTTCACCGAGAC
TGTGTGGACCCCTGGCTGATGCTCCAGCAGACCTGCCACTGTGCAAATCAACGTCTGGGGAACCGCT
ACTCCGATGAT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence: >RC223192 representing NM_001017981
 Red=Cloning site Green=Tags(s)

MGPAARPALRSPPPPPPPSPLLLLLPLPLWLGLAGPGAAADGSEPAAGAGRGGARAVRVDVRLPRQD
 ALVLEGVRIGSEADPAPLLGRRLLLDI VDAEQEAPVEGWIAVAVYVGKEQAAQFHQENKSGSPQAYPKAL
 VQQMRRALFLGASALLLILNHNVVRELDISQLLLRPVIVLHYSSNVTKLLDALLQRTQATAEITSGESL
 SANIEWKLTWTTCCGLSKDGYGGWQDLVCLGGSRAQE QKPLQQLWNAILLVAMLLCTGLVVQAQRQASRQ
 SQRELGGQVDL FKRRVVRRLASLKTTRCRLSRAAQGLPDPGAETCAVCLDYFCNKQWLRVLPCKHEFHHRD
 CVDPWMLQQTCP LCKFNVLGNRYSDD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8045_e04.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_001017981

ORF Size: 1131 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_001017981.2](#)

RefSeq Size: 1922 bp

RefSeq ORF: 1134 bp

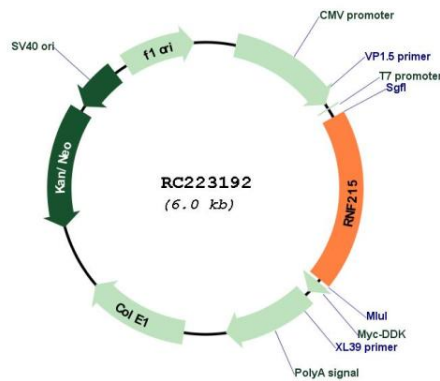
Locus ID: 200312

UniProt ID: [Q9Y6U7](#)

Cytogenetics: 22q12.2

MW: 40.9 kDa

Product images:



Circular map for RC223192