

Product datasheet for **RG223192**

RNF215 (NM_001017981) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: RNF215 (NM_001017981) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: RNF215
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG223192 representing NM_001017981
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGATCGCC

ATGGGCCCCGCCGCTCGCCCCGCGCTGAGATCGCCGCCGCCCTCCGCCGCCCTCCGTCTCCGCTGC
 TGCTGTGCTGCCCTGTGCCGTGTGGCTGGGCTGGCGGGGCCGGGGCCGGCGGACGGCAGCGA
 GCCGGCGCCGGGGCGGGGGCGGGAGCCCGCCGTGCGGGTGGACGTGAGACTGCCGCCAGGAC
 GCTCTGGTCTGGAGGGCGTCAGGATCGGCTCCGAAGCCGACCCGGCGCCCTGCTGGCGGTCTGTGC
 TGCTGATGGACATCGTGGATGCCGAGCAGGAGGCACAGTGAAGGCTGGATTGCAGTGGCATACTG
 CAAGGAGCAGGCCCGCCAGTTCCACCAGGAGAATAAGGGCAGTGGCCCGCAGGCCATCCCAAGGCCCTG
 GTCCAGCAGATGCGGCGGGCCCTCTTCTGGGTGCCTCTGCCCTGCTTCTCTCATCCTGAACCACAACG
 TGGTCCGAGAGCTGGACATATCCAGCTTCTGCTCAGGCCAGTGATCGTCTCCATTATTCCTCCAATGT
 CACCAAGCTGTTGGATGCATTGCTGCAGAGGACCCAGGCCACGGCTGAGATCACCAGCGGAGAGTCCCTG
 TCTGCCAATATCGAGTGAAGTTGACCTTGTGGACCACCTGTGGCCTCTCCAAGGATGGCTATGGAGGAT
 GGCAGGACTTGGTCTGCCTTGGAGGCAGTCGTGCCAGGAGCAGAAACCCTGCAGCAGCTGTGGAACGC
 CATCTGCTGGTGGCCATGCTCCTGTGCACAGGCTCGTGGTCCAGGCCAGCGGAGGCGTCGCGGCAG
 AGCCAGCGGGAGCTCGGAGGCCAGTGGACCTGTTTAAGCGCCGCTGGTGGGAGACTGGCATCCCTCA
 AGACACGGCGCTGCCGGCTGAGCAGGGCAGCGCAGGGCCTCCAGATCCGGGTGCTGAGACTGTGCGGT
 GTGCCTGGACTACTTCTGCAACAAACAGTGGCTCCGGGTGCTGCCCTGTAAGCACGAGTTTCACCGAGAC
 TGTGTGGACCCCTGGCTGATGCTCCAGCAGACCTGCCACTGTGCAAATCAACGTCTGGGGAACCGCT
 ACTCCGATGAT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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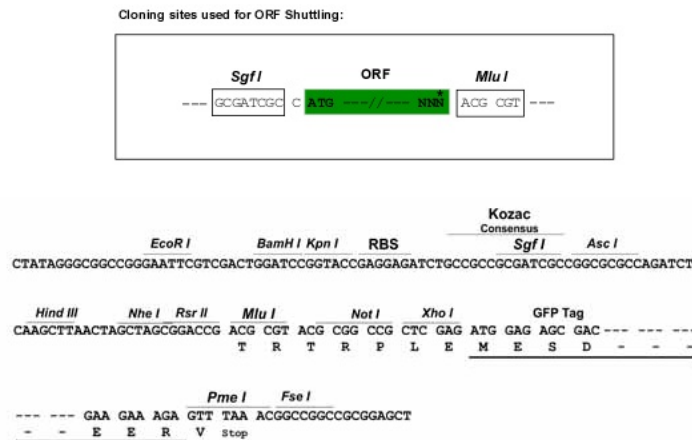
Protein Sequence: >RG223192 representing NM_001017981
 Red=Cloning site Green=Tags(s)

MGPAARPALRSPPPPPPPSPLLLLLPLLPWLGLAGPGAAADGSEPAAGAGRGGARAVRVDVRLPRQD
 ALVLEGVIRIGSEADPAPLLGRRLLMDIVDAEQEAPVEGWIAVAVYVGKEQAAQFHQENKSGSPQAYPKAL
 VQQMRRALFLGASALLLILNHNVVRELDISQLLLRPVIVLHYSSNVTKLLDALLQRTQATAEITSGESL
 SANIEWKLTWTTCCGLSKDGYGGWQDLVCLGGSRAQEOKPLQQLWNAILLVAMLLCTGLVVQAQRQASRQ
 SQRELGGQVDLFRRRVRRRLASLKTTRCRLSRAAQGLPDPGAETCAVCLDYFCNKQWLRVLPCKHEFHHRD
 CVDPWMLQQTCPCLKFNVLGNRYSDD

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



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

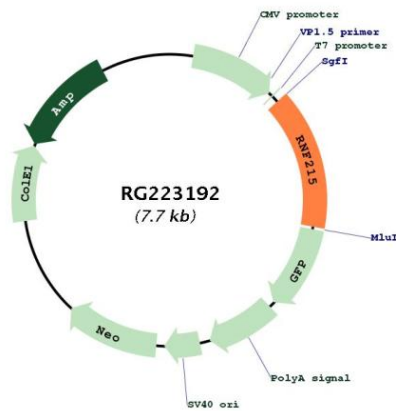
RefSeq ORF: 1134 bp

Locus ID: 200312

UniProt ID: [Q9Y6U7](#)

Cytogenetics: 22q12.2

Product images:



Circular map for RG223192