

Product datasheet for **RR205382**

Rnf215 (NM_001107234) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rnf215 (NM_001107234) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Rnf215
Synonyms: RGD1310738
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RR205382 representing NM_001107234
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGGATCGCC

ATGGGCCCGCCGATCGCCCGGCACTGAGGTCGCCATCTTCGCCGCCCTCCCCATCGCCGCCGTGCG
 CGCTGCTGCTACTGTTGCCCTGCTGCCTTTGTGGCTGGGCTGATGGTCCCGGAGCCGCGGGACGG
 CAGCGAGCCGGAGGCCCGGGCTGGGCGGGCGGAGCCCGCAGTGCGGGTGGATGTGAAGCTGCCGCG
 CAGGACGCCCTGGTTTTGGAGGGTGTGAGGATCGGTTCCGAAGCAGTCCGGAACCTCTACTGGCGGCC
 GCCTGCTGCTGATGGATGTCGTGGATGCTGAGCAAGAGATACCCGCAGATGGCTGGATTGCAGTGGCATA
 TGTGGGCAAAGAGCAGGTCGCCAGTCCACCAGGAGAATCAAGGCAGTAGCCAGAAGGCATATCCAAG
 GCTCTGGTCCAGCAGATGCGCCGAGCCCTTTCTGGGAGCCTCTGCCCTGCTTCTCCTCATCTAAACC
 ACAGTGTAGTCCGAGAGTTGGACATATCCAGCTCCTGCTCAGGCCAGTGATTGTTCTCCATTACTTTC
 AAATGTACCAAGCTGTTGGAAGCTCTTCTGCAGAGGACCCAGGCTACTGCTGAGATCAGCAGTGGAGAG
 TCCCTTTCAGCCAACATCGAGTGAAGCTGACATTGTGGACCACCTGTGGTCTCTCAAGGATGGTACG
 GTGGCTGGCAGGACTTGGTGTGCCTGGGAGGTGCTCAAGCCAGGAGCAGAAGCCCTGCAGCAGTATG
 GAATGCCATCTTGCTTGTGGTCACTGCTTGTGCACAGGCCTTGTGGTTCAGGCCAACGGCAGGCATCA
 AGACAGAGCCAGCAGGACCTGGAGGCCAGGAGATTTGTTCAAACGCCGTGTGGTTCGGAGACTAGCAT
 CCCTCAAGACCCGCGGTGCCGGCTGAGCAGGGCAGCACACAGCCTTCCAGAGCCTGGCGCTGAGACTTG
 CGCTGTCTGCTTATTACTTCTGTAACAAGCAGTGGCTCCGGTACTGCCCTGTAAGCATGAGTCCAC
 CGAGACTGCGTAGACCCCTGGCTGATGCTACAACAGACCTGCCACTGTGCAAGTTCAATGTCCTGGGA
 ACCACTACTCAGATGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR205382 representing NM_001107234
 Red=Cloning site Green=Tags(s)

MGPADRPALRSPSSPPPPSPSPLLLLLPLPLWLGLMGPAAADGSEPEARAGRGGARAVRVDVKLPR
 QDALVLEGVRIGSEASPEPLLGGRLLLMDVVDAEQEIPADGWIAYAVYVGKEQVAQFHQENQGSQKAYPK
 ALVQQMRRALFLGASALLLLILNHSVVRELDISQLLLRPVIVLHYSSNVTKLLEALLQRTQATAEISSGE
 SLSANIEWKLTWTTTCGLSKDGYGGWQDLVCLGGAAQAEQKPLQQLWNAILLVVMLLCTGLVVQAQRQAS
 RQSQQEPGGQEDLFKRRVVRRLASLKTRRCRLSRAAHSLEPEGAETCAVCLDYFCNKQWLRVLPCKHEFH
 RDCVDPWLMLQQTCLCKFNVLGNHYSDD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_001107234

ORF Size: 1137 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_001107234.1, NP_001100704.1

RefSeq Size: 2492 bp

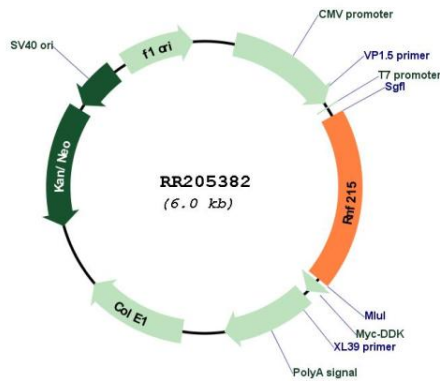
RefSeq ORF: 1140 bp

Locus ID: 305478

Cytogenetics: 14q21

MW: 41.6 kDa

Product images:



Circular map for RR205382