

## Product datasheet for **RR213921**

### RGD1308775 (NM\_001107233) Rat Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: RGD1308775 (NM\_001107233) Rat Tagged ORF Clone  
 Tag: Myc-DDK  
 Symbol: RGD1308775  
 Mammalian Cell Selection: Neomycin  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 ORF Nucleotide Sequence: >RR213921 representing NM\_001107233  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGTATTCGCTTTGCTAGCTTTTCTGATTCTAGTCCGCCAGAGCCCTCCACACAGCCAAAAGGCCTT  
 CCGTCAAATGGGACTTGGGCTCGGATTACGAGGACGTTTCGAATGAGACCACCGCTTCTGGCTCGGACTT  
 CCGGCGCCAGAGAACAGCCAGCCAGCCGGATATTGGCCTCCACGTCCAACCACAGATCTACTTCTGCGG  
 CCGCGGTCCCCAATCCCCAAGTTGTTATTCAGCTTAATTAATACCAGTGATGCAAATGTGAAGAAATGT  
 TACCCAAGAGCCATTTGTCTCGGTGATTATTCGGGACAACCTCAACGCACAGCGCATCTATGAGATGGA  
 GATGAAAAGCCTCTGACAAGACCAAGAGGAAGATGAGCTACTTGTACGACCACCTGAAAAAGAAGTTCATG  
 ACAGACCAGCTGAGAAAGATGATGCGCTGGAGGCGGGATTCCATGAGCACCCAGCAGTACTTGGATAGGA  
 AACGGGTCTGT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR213921 representing NM\_001107233  
 Red=Cloning site Green=Tags(s)

MVFRFASFSDSSPPEPSTQPKRPSVKWDLGSDYEDVSNETTASGSDFRRQRTASQPDIGLHVQPQIYFLR  
 PRSPIPKLLFSLINTSDANVKKMLPKSHLSRVIIRDNLNAQRIYEMEMKASDKTKRKMSYLDHLKKKFM  
 TDQLRKMMRWRRDSMSTQQYLDRKRV

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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### Cloning Scheme:



ACCN: NM 001107233

ORF Size: 501 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\\_001107233.1](#), [NP\\_001100703.1](#)

RefSeq Size: 2518 bp

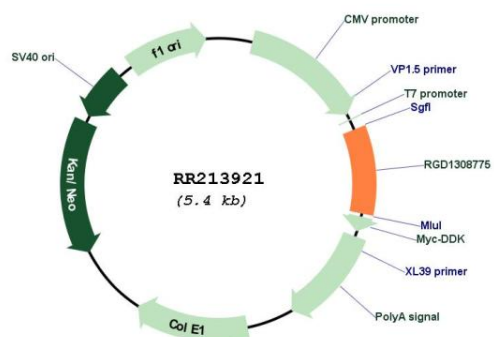
RefSeq ORF: 504 bp

Locus ID: 305476

**Cytogenetics:** 14q21

MW: 19.7 kDa

## Product images:



Circular map for RR213921