

Product datasheet for **RR202155**

Prr11 (NM_001108287) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Prr11 (NM_001108287) Rat Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: Prr11
 Synonyms: RGD1561541
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 ORF Nucleotide Sequence: >RR202155 representing NM_001108287
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCAAGTTCAAACAGCGAAGAAGAAAGCTAAGAGCCAAAGCCAAACGATTATGTAACGAAAGAAG
 CCTCTCGGGTCTGCCTAAGTTATTGGCACCTCCCCCTCCACCACCCACACCAGAAAGAGTGGTTACTTC
 TTCAGCAGATATCCCCAAAGCAGAAACTGGCTAAGACCATCTTGGAACTTAAGACTCCCTAACTCAA
 GCTGCAATAAACCTTTGGACAAATAGAGCATGGTGCATATACAGTTGCTGTCAGACCCGTGTAGCCAGA
 GTTTAGAAGTATTAAGATGCCATCTCCCATCCGAGTCTACCACAGAGAACTTACAGCCTTAACA
 ACAATTATGTGTTTTGAAAAGCGAATTGTGCGAGCTCCAAGAAACTTGAAGAGCATCTCGGAACACTCG
 TCTCGTTGCGAGCTGTTGCCACACGTGCTGCGGGGTGACAGACTTACAACGTGTCCTGCCTGTGCTCCA
 CGACCCATGGGAATCCCAAACCGCACTTCTCCACACTGCCACAGCCAGCCAGCCATCTCCCCCTCC
 TCCCCCTCTTCT
 CTGCTCAGAAAATCTGGTAGCACTAAAGCACTTCAGGTTGAACCGTTAAAGAAAGATGGACCCATGCATA
 TAACAGTTAAAGATCTACTACTGTGAAATTAAGAAAGACACAGAATATTGACGAAAGGAGAAAGTTGT
 ACCATCACCGCCAGAGGAACGGACTCCATTAGTTACTGTCTGACCTGCAGCGCATTACCCTGAAACCA
 AACTCCAGGGTGTGGCAACTCGAATTAAGAAATGCTTGTGATTACTCTGGTAAAAGCCAAATCGATCTCC
 GGAAACTGCTGAGAAAAGTCGAGGTAGAAAAGGAGCCAGGTGGGACCCCTTAAACAATAAGAAAACAT
 GGATACAGGAACTGGGCTCACTCCAGTCATGACCCGAGCCTTAAGGAGAAAGTTTCAGCTGGCTCATCT
 CAAAGCCCTACTCAATCTCTGCCCTTTCTACAAGCAACTTTGATGAACAAAAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTAA



[View online »](#)

Protein Sequence: >RR202155 representing NM_001108287
 Red=Cloning site Green=Tags(s)

MPKFKQRRRKLRAKAKRLCKTKEASRVLPKLLAPPPPPPTPERVVTSSADIPQSRNWL RPSWNLRLPNFK
 AAINLWTRAWCIYSCCQTRVAQSLEVLKDAIFPSRVYHRELHSLKQQLCVLKSELCELQENLKSISEHS
 SRSSCCHTCCGGDRLTTVPACAPTTTHGESQ TALPPTLPQPASHPPPPPPPLPLPPPPPPPLPPPPPLAPL
 LLRKS GSTKALQVEPLKKDGP M H I T V K D L L T V K L K K T Q N I D E R R K F V P S P P E E R T P L V T V S D L Q R I T L K P
 NSRVLATRIK N V L I T P G K S Q I D L R K L L R K V E V E R S P G G T P L N N K E N M D T G T G L T P V M T R A L R R K F Q L A H P
 Q S P T Q S L P L S T S N F D E Q N

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_001108287

ORF Size: 1104 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_001108287.1, NP_001101757.1

RefSeq Size: 1467 bp

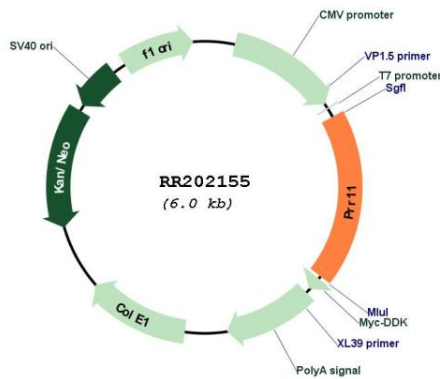
RefSeq ORF: 1107 bp

Locus ID: 360591

Cytogenetics: 10q26

MW: 41.1 kDa

Product images:



Circular map for RR202155