

## Product datasheet for MR205669

### Prr11 (NM\_175563) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Prr11 (NM_175563) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Prr11
Synonyms:	B930067F20Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR205669 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCCAAGTACAACAGCGAAGAAGAAAGCTAAAAGCCAAAGCCAAACGAATGTCTAAGAAGAAAGAAAG  
CCGCTGTGGTCTCTCCTAAGTTATTGACACCTTCCCTCCCTCCCGAACCAGGAAAGAGTGGTTACTTC  
TGCAGCAGATATCCCCAAAGCAGAAACTGGCTAAGACCATCTTGAACCTGAGATTTCTAACATCAA  
GATGCAATAAACCTTTGGACAAATAGAGCATGGTGCATCTACAGTTGCTGTCAGACCTGTGTAGCCAGA  
GTTTAGAAGTATTGAAAGATGCCCTCTCCCATCCGAGTCTACCACAGAGAAGTTCACAGTCTAAAACA  
ACAACTGTGTGTTTTGAAAGGGAATTGTGCAAGCTCCGAGAAAACCTGAAGAGCATCTCAGAAAACCTC  
TCCTGTTCAAGCTGTTGTCAAGTGTGCCCCGAGTGATAAACTTACAACTGTGCCTGCCTGTGCTCCAA  
CGACGAATGGGAATCCCAAACAGTGTCTTCTCCACACAGCCACAGCCAGCCAATCATCTCCTCTCC  
TCCTCCCCTTCTCCCCCTCCTCCCCCTCCTCCTCCTCCTCCACCTCCACCACCTTTAGCACCTTTG  
CTGCTCAGAAAATCTGGTACCACTAAAGCACTTCAGGTTGAACCATTAAGAAAGATGGACCCATGCATA  
TAACAGTTAAAGATCTACTCAATGTGAAATTAAGAAAGACACAGAGTGTGACGAAAGAAAGAAGCTTGT  
ACCATCACCACCAGAGGAACGCACCTCACTAGTTACTGTCTGATCTGCAACATGTTACTCTGAAACCT  
AACTCCAGGGTGCAGCAACTCGAATTAAGAAATGTCTTAATTACTCCTGGGAAAAGCCAAATCGATCTCC  
GGAAGCTGCTGAGAAAAGTCCAGGTAGAAAGGAGCCCGGGTGGGACCCCTCTGAACAATAAGAAAACAT  
GGATACAGGAAGTGGACTCACTCCTGTCTGACTCGGGCCTTAAGGAGAAAGTTTCAGCTGGCTCATCTC  
CAAAGCCCCTCACTCACTCTGCCACTTTCTACAAGCAGCTTTGATGAACAAAAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTAA



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**Protein Sequence:** >MR205669 protein sequence  
 Red=Cloning site Green=Tags(s)

MPKYKQRRRKLKAKAKRMSKKKEAAVSPKLLTPSPPLPEPERVVTSAADIPQSRNWL RPSWNL RFPNIK  
 DAINLWTRAWCIYSCCQTCVAQSLEVLKDALFPSRVYHRELHSLKQQLCVLKRELCKLRENLSISENS  
 SCSSCCHKCCPSDKLTTVPACAPTTNGESQTVLSSTQPQPANHPPSPPLPPPPPPPPPLPPPPPLAPL  
 LLRKSGTTKALQVEPLKKDGPMHITVKDLLNVKLLKKTQSVDERKKLVSPPEERTPLVTVSDLQHVTLKP  
 NSRVSATRIKNVLIITPGKSQIDLRLKLRKVQVERSPGGTPLNNKENMDTGTGLTPVMTRALRRKFLAHP  
 QSPTQSLPLSTSSFDEQN

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\_175563

**ORF Size:** 1107 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\\_175563.5](#)

**RefSeq Size:** 3827 bp

**RefSeq ORF:** 1107 bp

**Locus ID:** 270906

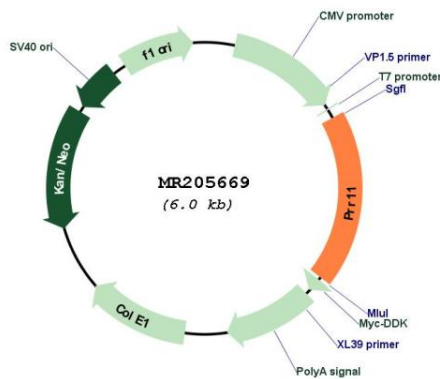
**UniProt ID:** [Q8BHE0](#)

**Cytogenetics:** 11 C

**MW:** 40.9 kDa

**Gene Summary:** Plays a critical role in cell cycle progression.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR205669