

## Product datasheet for **MG205669**

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

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Prr11 (NM\_175563) Mouse Tagged ORF Clone  
 Tag: TurboGFP  
 Symbol: Prr11  
 Synonyms: B930067F20Rik  
 Mammalian Cell Selection: Neomycin  
 Vector: pCMV6-AC-GFP (PS100010)  
 E. coli Selection: Ampicillin (100 ug/mL)  
 ORF Nucleotide Sequence: >MG205669 representing NM\_175563  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCCAAGTACAACAGCGAAGAAGAAAGCTAAAAGCCAAAGCCAAACGAATGTCTAAGAAGAAAGAAAG  
 CCGCTGTGGTCTCTCCTAAGTTATTGACACCTTCCCCTCCCCTCCCGAACCGGAAAGAGTGGTTACTTC  
 TGCAGCAGATATCCCCAAAGCAGAACTGGCTAAGACCATCTTGGAACTGAGATTTCTAACATCAA  
 GATGCAATAAACCTTTGGACAAATAGAGCATGGTGCATCTACAGTTGCTGTCAGACCTGTGTAGCCAGA  
 GTTTAGAAGTATTGAAAGATGCCCTCTCCCATCCGAGTCTACCACAGAGAAGTTCACAGTCTAAAACA  
 ACAACTGTGTGTTTTGAAAGGGAATTGTGCAAGCTCCGAGAAAACCTGAAGAGCATCTCAGAAAACCTCC  
 TCCTGTTCAAGCTGTTGTCAAGTGTGCCCCGAGTGATAAACTTACAAGTGTGCCTGCCTGTGCTCCAA  
 CGACGAATGGGAATCCCAAACAGTGTCTTCTCCACACAGCCACAGCCAGCCAATCATCTCTCTCTCC  
 TCCTCCCCTTCTCCCCTCCTCCCCTCCTCCTCCTCCTCCTCCACCTCCACCACCTTTAGCACCTTTG  
 CTGCTCAGAAAATCTGGTACCACTAAAGCACTTCAGGTTGAACCATTAAGAAAGATGGACCCATGCATA  
 TAACAGTTAAAGATCTACTCAATGTGAAATTAAGAAAGACACAGAGTGTGACGAAAGAAAGAAGCTTGT  
 ACCATCACCACCAGGAAAGCACTCCACTAGTTACTGTCTGTGATCTGCAACATGTTACTCTGAAACCT  
 AACTCCAGGGTGCAGCAACTCGAATTAAGAAATGCTTAATTAATCCTGGGAAAAGCCAAATCGATCTCC  
 GGAAGCTGCTGAGAAAAGTCCAGGTAGAAAGGAGCCCGGGTGGGACCCCTCTGAACAATAAGAAAACAT  
 GGATACAGGAACTGGACTCACTCCTGTGATGACTCGGGCCTTAAGGAGAAAGTTTCAGCTGGCTCATCTC  
 CAAAGCCCCTCACTCACTCTGCCACTTTCTACAAGCAGCTTTGATGAACAAAAC

**ACGGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >MG205669 representing NM\_175563  
 Red=Cloning site Green=Tags(s)

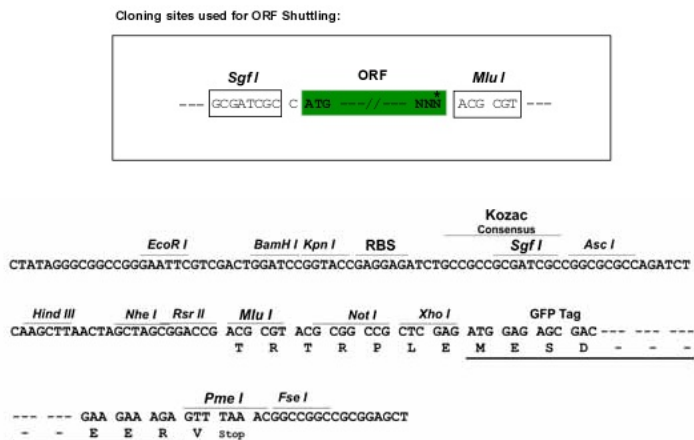
MPKYKQRRRKLKAKAKRMSKKKEAAVSPKLLTPSPPLPEPERVVTSAADIPQSRNWL RPSWNL RFPNIK  
 DAINLWLNRAWCIYSCCQTCVAQSLVKDALFPSRVYHRELHSLKQQLCVLKRELCKLRENKLSIENS  
 SCSSCCHKCCPSDKLTTVPACAPTTNGESQTVL SSTQPQ PANHPPSPPLPPPPPPPPPLPPPPPLAPL  
 LLRKS G TTKALQVEPLKKDGP M H I TVKDLLNVK L KKTQSVDERKKLVSPPEERTPLVTVSDLQHVTLKP  
 NSRVSATRIKNVLIITPGKSQIDLRLKRKVQVERSPGGTPLNNKENMDTGTGLTPVMTRALRRKFLAHP  
 QSPTQSLPLSTSSFDEQN

TRTRPLE - GFP Tag - V

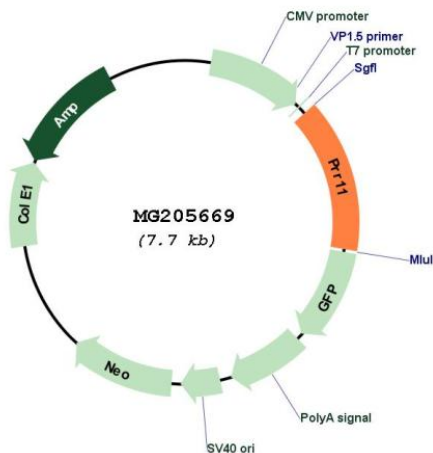
**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:**

NM\_175563

<b>ORF Size:</b>	1104 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_175563.5</a>
<b>RefSeq Size:</b>	3593 bp
<b>RefSeq ORF:</b>	1107 bp
<b>Locus ID:</b>	270906
<b>UniProt ID:</b>	<a href="#">Q8BHE0</a>
<b>Cytogenetics:</b>	11 C
<b>Gene Summary:</b>	Plays a critical role in cell cycle progression.[UniProtKB/Swiss-Prot Function]