

## Product datasheet for MC211129

### Prss55 (NM\_001081063) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Prss55 (NM\_001081063) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Prss55  
**Synonyms:** 4933401F05Rik  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC211129 representing NM\_001081063  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGATCCTGCCCTCCATCCTGCTACTTGTGCCACACCCCTGGAAGCAAATGTTGAGTGTGGTGTGAGAC  
 CCCTGTATGATAGCAGAATCAATACTCCAGGATCATAGAAGGGCAGGAGCTGAGCTGGGTGAGTTCC  
 ATGGCAGGTGAGCATTACAGAAAGTGACCACATTTCTCGGGCGCTCCATTCTCAGTGAGTGGTGGATC  
 CTACCGTGGCCACTGCTTCTATGCTCAGGAGCTTCCCAACAGATCTCAGAGTCAGAGTGGGAACCA  
 ATGACTTAACTACTTCACCCGTGGAAGTAGAGGTCACCACCATAATCCGGCACAAGGCTTTAAACGGCT  
 GAACATGGACAACGACATTGCCTTGTGTGCTAGCCAAGCCCTTGACGTTCAATGAGCTGACGGTGCC  
 ATCTGCCTTCTCTGCGCCGCCCTCCAGCTGGCAGCAATGCTGGGTGGCAGGATGGGGCGTAACCA  
 ACTCAACTGACAAGGAATCTATGTCAACGGATCTGATGAAGGTGCCATGCGTATCATAGAGTGGGAGGA  
 ATGCTTACAGATGTTCCAGCCTCACCACAAACATGCTGTGTGCCTCATATGGTAATGAGAGCTACGAT  
 GCTTGGCAGGTGACAGTGGGGACCGCTTGTCTGCACCACAGATCCTGGCAGTAGGTGGTACCAGGTGG  
 GCATCATCAGCTGGGGCAAGAGCTGTGGAAAAAAGGCTTCCAGGGATATATACTGTATTGGCAAAGTA  
 TACCCTGTGGATTGAGAAAATAGCCAGACAGAGGGGAAGCCCTGGATTTTAGAGGTGAGAGCTCCTCT  
 AACAAAGAAGAAAAACAGACAGAACAATCAGCTCTCCAATCCCCAGCCCTGAACTGCCCCAAAGCTGGC  
 TCCTGCCCTGCTGCTGTCTTTGCACTGCTTAGAGCCTGTCCAAGTGGAA**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001081063  
**Insert Size:** 966 bp



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<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<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_001081063.1</a> , <a href="#">NP_001074532.1</a>
<b>RefSeq Size:</b>	1015 bp
<b>RefSeq ORF:</b>	966 bp
<b>Locus ID:</b>	71037
<b>UniProt ID:</b>	<a href="#">Q14BX2</a>
<b>Cytogenetics:</b>	14 D1
<b>Gene Summary:</b>	Probable serine protease, which plays a crucial role in the fertility of male mice including sperm migration and sperm-egg interaction (PubMed:30032357).[UniProtKB/Swiss-Prot Function]