

## Product datasheet for MC213011

### Prss42 (NM\_153099) Mouse Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Prss42 (NM\_153099) Mouse Untagged Clone  
 Tag: Tag Free  
 Symbol: Prss42  
 Synonyms: Tessp2  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >MC213011 representing NM\_153099  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCGTCCGGAGGTGGCTCCCTGGGCCTCATAGTCTTCTCTTGCTCCTTCAGCCAAAGCCCTGCGAGG  
 CCTGGGCAGCCGCTCTGTACTCTACTTCCGGTTTCCCCTCAGGGTTTAGTGAAGCCCGAGGGACAA  
 CCCACCGCCACCCACCCGGGTGCGCATGTCCAAGGCTACCACCCGCTCTCCTTTCATGAACCTTTTCCTTA  
 GTGTGTGGCCAACCCTTTATGAAGATCATGGGAGGGGTAGACGCTGAAGAGGGGAAGTGGCCTTGGCAGG  
 TGAGCGTTCGGGTGAGGCACATGCATGTCTGTGGAGGTTCCCTCATCAATTCACAGTGGGTGCTGACTGC  
 CGCCCATTTGATTTACAGCCGAATCCAGTACAACGTCAAGGTGGGCGATCGGAGTGTCTACCGACAGAAT  
 ACAAGTCTGGTGATTCATCAAGACCATCTTTGTCCACCCTAAGTTCTCAACAACATATCGTCGTTAAAA  
 ATGATATTGCTCTTCTCAAGCTCCAACACCCTGTGAATTCACCACTAACATATACCCTGTCTGCATCCC  
 TTCAGAGAGTTTTCTGTAAAAGCTGGGACCAATGTTGGGTGACAGGATGGGAAAACAGTGCACGGC  
 GCACCGGATGTTCCGACAGAAATCCTCCAGGAGGTGGACCAAAATGTCATCCTTTATGAGGAATGTAATG  
 AGATGCTGAAGAAAGCTACCTCAAGTCTGTGGATCTCGTCAAGAGAGGCATGGTCTGTGGCTATAAAGA  
 AAGAGGAAAGGACGCTGCCAGGAGATTCTGGAGGCCCGATGTCTGTGAATTTGAAAACAAATGGGTG  
 CAGGTAGGAGTTGTGAGCTGGGGCATCAGCTGTGGTCGAAAGGATACCCTGGAGTTTATACAGACGTTG  
 CCTTCTACAGCAAGTGGCTAATTGCCGTGGTGAACCAGGCAGATTGTTGCATCCAGTGGTCTTCTCTCGT  
 CTTACTGCTGTGTTGCTGACCTCAT**TGA**

**ACGGT**ACGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
 ACCN: NM\_153099



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<b>Insert Size:</b>	1008 bp
<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_153099.1</a> , <a href="#">NP_694739.1</a>
<b>RefSeq Size:</b>	1595 bp
<b>RefSeq ORF:</b>	1008 bp
<b>Locus ID:</b>	235628
<b>UniProt ID:</b>	<a href="#">Q8VIF2</a>
<b>Cytogenetics:</b>	9 F2
<b>Gene Summary:</b>	Plays a role in spermatogenesis. Involved in germ cell survival during meiosis. [UniProtKB/Swiss-Prot Function]