

## Product datasheet for **RN210439**

### Prss12 (NM\_053504) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Prss12 (NM_053504) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Prss12
Synonyms:	Nt
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN210439 representing NM\_053504  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGCGCTCGCCCGCTGCGTGTGGCTGTGATTTAGGGTACTGTCCGAAGTGCCCGCGCTGATCCGG  
 TCTTGCACCTCGCCCTGCACCGCCGCATCCGCTCTCCACCGGTTCCCAACACGCGCATTACCTTCCCAG  
 CTCGCGCGGCCACCCAGGACCCCGCGCTTCCCGCTCCCGCCGCGGGCCCCCGCTGCCACGCGCCCTCAG  
 CTCCTCAGCACCCGGCACACGCCCCGACGATTTACGCCGGTGCGGGGCTGGAGAGCCCTGGGGCAATG  
 CCACCAACCTCGGCGTCCCGTGTCTACACTGGGACGAGGTGCCGCCCTTCTGGAGCGGTGCCCGCGC  
 CAGTTGGGCTGAGCTAAGAGGGCAGCCGACAACCTTCTGCCGGAGTCCGGATGGCGCGGGCAGACCTTGG  
 TGCTTCTATCGAAATGCCAAGGCAAAGTGACTGGGGTACTGCGATTGTGGTCAAGGCCCGCGCTGC  
 CTGTCTTCCGCTTGTGGTGGGAAGAGTGGGCACGAAGTGCAGTGGAGCTGTACCACGCTGGCCAATG  
 GGAACCATCTGTGATGACCAATGGGACGACGAGATGCAGAAGTCATCTGCAGGACGCTGGGTCTCAGT  
 GGCATTGCCAAAGCATGGCATCAGGCACATTTTGGGAAGGATCTGGCCCAATATTGTTGGATGAAGTAC  
 GCTGCACTGGGAATGAGCTGTCAATTGAGCAGTGTCCAAAGAGCTCCTGGGGTGAACATAACTGTGGCCA  
 TAAAGAAGATGCCGGAGTGTCTTGTGCTCCTCTGACAGATGGTGTATCAGACTGTGAGGAGGAAAAGT  
 GTCCATGAAGGTCGCTTGGAGGTGTACTATAGGGGACAGTGGGGAACAGTTTGTGATGATGGCTGGACTG  
 AAATGAATACATACGTGGCTTGTGACTGCTGGGATTTAAATATGGCAACAGTCCTCTGTGAACCACTT  
 TGAAGGCAGCAGCAGGCCCATATGGCTGGATGACGTGACGTGCTCAGGAAAAGAAGCCAGCTTATTTCAG  
 TGTTCCAGGAGACAGTGGGAAGGCATGACTGCAGCCATAGGGAAGATGTGGGCTCACCTGCTACCCCTG  
 ACAGTGTGGTCAATAGGCTTTCCCGAGTTCCTATCAGACTAATGGACGGAGAGAATAAGAGAGAAGG  
 ACGAGTGGAGTTTTTGTCAATGGCCAATGGGGAACGATCTGCGATGATGGATGGACCGACAAGCATGCA  
 GCTGTGATTTGCCGCGCAGCTTGGCTATAAGGGTCCGGCCAGGGCAGGACCATGGCTTTTTTTGGGAAG  
 GAAAAGGCCCATCCACATGGACAATGTGAAGTGCACAGGGAATGAGAAGGCCCTGGCCGACTGCGTCAA  
 ACAAGACATCGGAAGGCACAACCTGCCGCCACAGTGGGACGACGAGGAGTCACTGTGACTATTACGAGAAA  
 AAAACATCAGGTCATGGGAATAAAGAGACCCTCTCATCTGGGTGTGGATTGAGATTACTACACCGCCGAC  
 AGACACGGATCATTGGTGGGAACAATTCTTAAGGGTGCCTGGCCTTGGCAGGCTTCCCTCAGGCTGAA  
 GTCGACCCACGGAGATGGCAGGCTGCTCTGTGGAGCCACCCTTCTAAGTAGCTGCTGGTCTGACAGCT  
 GCGCACTGTTTACAAGGTACGTAACAACCTCGAGGAGTTATGCCGTCCGAGTTGGCGATTATCATACTT  
 TGGTCCCGAGGGTTTTGAACAAGACATAGGGGTCCAACAGATTGTGATTCACAGGAACTATCGGCCAGA  
 CAGCAGCGACTATGACATCGCCCTGGTCAGATTACAAGGCTCAGGGGAGCAATGTGCCAGACTAAGCACC  
 CACGTTTTTCCAGCCTGTTTACCTCTATGGAGAGAAAAGGCCACAGAAAACAGCCTCCAACCTGTACATAA  
 CAGGATGGGGAGACACAGGTCGTGCTTACTCAAGAACTCTACAACAAGCAGCTGTGCCTTTGTTACCCAA  
 GAGGTTTTGTAAGGAACGTTACAAGGACTGTTTACTGGGAGAATGCTCTGTGCTGGAAACCTCCAAGAA  
 GACAACCGTGTGGACAGCTGCCAGGGAGACAGCGGAGGACCCTTATGTGTGAAAAGCCCGATGAACTT  
 GGGTTGTGATGGGTGACTTCTGGGGTACGGATGCGGAATCAAAGACACTCCAGGAGTTTATACCAG  
 AGTCCCTGCCTTTGTACCTTGGATAAAAAGTGTACGAGTCTGTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
 ACCN: NM\_053504  
 Insert Size: 2286 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_053504.1</a> , <a href="#">NP_445956.1</a>
<b>RefSeq Size:</b>	2499 bp
<b>RefSeq ORF:</b>	2286 bp
<b>Locus ID:</b>	85266
<b>UniProt ID:</b>	<a href="#">G3V801</a>
<b>Cytogenetics:</b>	2q42
<b>Gene Summary:</b>	mouse homolog is a serine protease; may be involved in learning and memory [RGD, Feb 2006]