

## Product datasheet for **MC204559**

### Prss12 (NM\_008939) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Prss12 (NM_008939) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Prss12
Synonyms:	Bssp-3; motopsin
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC031429  
 CCCGGTGTGATCCTCCAGCTGCCCCGGGGGCTGGGACAGCAGGGCGGGCGCGAGCGTGGGAGGGGGCT  
 CTAGGACTCTGCCGGCCCCGCCCGCCCCCTCCGCGGGGACCCGGAGCCAGCATGGACCACACTCGGCG  
 CCGCAGCCATGGCGCTCGCCCGCTGCGTGTGGCTGTGATTTAGGGGCACTGTCTGTAGTGGCCCGCGC  
 TGATCCGGTCTCGCGCTCTCCCTTACCGCCCGCATCCGTCCCCACCGGTTCCAACACGCGCACTAC  
 CTTCCCAGCTCGCGGGGCCACCCAGGACCCCGCGCTTCCCGTCCCGCTGCGGATCCCCGCTGCCAGC  
 GCCCGCAGGTCTCAGCACCGGGCACACGCCCCCGAGATTCCACGCCGCTGCGGGGACAGGAGAGTCGTG  
 GGGCAATGCCACCAACCTCGGCGTCCCGTGTCTACACTGGGACGAGGTGCCGCCCTTCTGGAGCGGTCG  
 CCCCCGGCCAGTTGGGCTGAGCTGCGAGGGCAGCCGCACAACCTTCTGCCGGAGCCCGGATGGCTCGGGCA  
 GACCTTGGTGCTTCTATCGGAATGCCAGGGCAAAGTAGACTGGGGTACTGCGATTGTGGTCAAGGCC  
 GCGTTGCCCGTATTCCGCTTGTGGTGGGAACAGTGGGCATGAAGGTCGAGTGGAGCTGTACCACGCT  
 GGCCAGTGGGGACCATCTGTGACGACCAATGGGACAATGCAGACGCAGACGTCTCTGTAGGCAGCTGG  
 GGCTCAGTGGCATTGCCAAAGCATGGCATCAGGCACATTTGGGAAGGATCTGGCCCAATATTGTTGGA  
 TGAAGTACGCTGCACCGAAACGAGCTGTCAATTGAGCAATGTCAAAGAGTTCTGGGGCAACATAAC  
 TGTGGCCATAAAGAAGATGCTGGAGTGTCTGTGTTCTTAACAGATGGTGTGCATCAGACTGGCAGGAG  
 GAAAAAGTACCCATGAAGTTCGCTGGAGTCTACTACAAGGGGAGTGGGGGACAGTCTGTGATGATGG  
 CTGGACTGAGATGAACACATACGTGGCTTGTGCGACTGCTGGGATTTAAATACGGCAAACAGTCTCTGTG  
 AACATTTTGTGGCAGCAACAGGCCATATGGCTGGATGACGTGAGTCTCAGGAAAAGAAGTACAGT  
 TCATTCAGTGTCCAGGAGACAGTGGGGAAGGCATGACTGCAGCCATAGAGAAGATGTGGCCCTCACCTG  
 CTATCCTGACAGCGATGGACATAGGCTTTCTCCAGTTTTCCATCAGACTAGTGGATGGAGAGAATAAG  
 AAGGAAGGACGAGTGGAGTTTTTGTCAATGGCCAATGGGGAACAATCTGCGATGACGGATGGACCGATA  
 AGCATGCAGCTGTGATCTGCCGGCAGCTTGGCTATAAGGGTCTGCCAGAGCAAGGACTATGGCTTATTT  
 TGGGGAAGGAAAAGGCCCATCCACATGGATAATGTGAAGTGCACAGGAAATGAGAAGGCCCTGGCTGAC  
 TGTGTCAAACAAGACATTGGAAGGCACAACCTGCCGCCACAGTGAAGATGCAGGAGTCATCTGTGACTATT  
 TAGAGAAGAAAGCATCAAGTAGTGGTAATAAAGAGATGCTCTCATCTGGATGTGGACTGAGGTTACTGCA  
 CCGTCCGCGAGAAACGGATCATTGGTGGGAACAATCTTTAAGGGTGCCTGGCCTTGGCAGGCTTCCCTC  
 AGGCTGAGGTCCGCCATGGAGACGGCAGGCTGCTTTGTGGAGCTACCCTTCTGAGTAGCTGCTGGGTCC  
 TGACAGCTGCACACTGCTTCAAAGGTACGAAACAACCTCGAGGAGCTATGCAGTTCGAGTTGGGGATTA  
 TCATACTCTGGTACCAGAGGAGTTGAACAAGAAATAGGGTTCAACAGATTGTGATTACAGGAACTAC  
 AGGCCAGACAGAAGCGACTATGACATTGCCCTGGTTAGATTGCAAGGACCAGGGGAGCAATGTGCCAGAC  
 TAAGCACCCAGTTTTGCCAGCCTGTTTACCTCTATGGAGAGAGAGGCCACAGAAAACAGCCTCCAAGT  
 TCATAAAGAGGATGGGGAGACAGGTCGTGCCTACTCAAGAAGTCTACAACAAGCTGCTGTGCCTCTG  
 TTACCCAAGAGGTTTTGTAAAGAGAGGTACAAGGACTATTTACTGGGAGAATGCTCTGTGCTGGGAACC  
 TCCAAGAAGACAACCGTGTGGACAGCTGCCAGGGAGACAGTGGAGGACCACTCATGTGTGAAAAGCCTGA  
 TGAGTCTGGGTTGTGTATGGGGTACTTCTGGGGGTATGGATGTGGAGTCAAAGACACTCCTGGAGTT  
 TATACCAGAGTCCCCGCCTTTGTACCTGGATAAAAAGTGTCAACAGTCTGTAACCTATGGAAAAGCTCAA  
 GAAAAATAGTAAAACAGTAACCATTACAGTCTTACTTGGCACCATGCCAGAAAAAAAAAAAAAAAAAAAAA AAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_008939

**Insert Size:** 2286 bp

**OTI Disclaimer:** 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).

**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:** [BC031429](#), [AAH31429](#)

**RefSeq Size:** 2525 bp

**RefSeq ORF:** 2286 bp

**Locus ID:** 19142

**UniProt ID:** [O08762](#)

**Cytogenetics:** 3 G1

**Gene Summary:** Plays a role in neuronal plasticity and the proteolytic action may subserve structural reorganizations associated with learning and memory operations.[UniProtKB/Swiss-Prot Function]