

## Product datasheet for **MC217162**

### Prss16 (NM\_019429) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Prss16 (NM_019429) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Prss16
Synonyms:	AI448615; TSSP
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC217162 representing NM\_019429  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCAGTCAAGGCTCCATGGTTGGATTCTTGCTTCTGGTTTCCCTCTGGGGACTGTCAACTCCAGCCT  
 TGCTTCTCAGGCGCTGAGGGAACACATTCAGAAGTTTCAGGAGAGCTCTAGCCTACACCCAGGCTTTGG  
 ACTAGGCCATGGTCTGGGGCTGTCCCAACAAGGGTGGTTAGAACAGCCACTGGATCCCTTCAATGCA  
 TCTGACAGACGAACCTTCTGCAGCGTACTGGGTGAATGATCAACACAGAACTGGCCAAGATGTACCAG  
 TATTTCTGCACATAGGAGGCGAGGGCAGCCTTGGGCTGGCTCAGTGATGGCAGGGCATCTCGGGCACT  
 GGCCCTGCCTGGGGGGCCCTGGTGATAAGCCTAGAACACAGATTCTATGGTTTGAGTATGCCTGCTGGG  
 GGCTGGATCTGGCCCTGCTTCGCTACTGTCCAGCCGCATGCGTTGGCTGACGTGGCTCCGCTCGCC  
 AGCGCTCTCGGCCCTCCTCAATGTGTCTTCTCCAGCCCTGGATCTGCTTCGGAGGCTCTACGCTGG  
 CTGCTGGCGACCTGGGCCGGCTGAAGTTCACCCACCTAGTCTTGGCCCGCTGCCTCCTCAGCACCG  
 CTGAGCGCTGTAGTGGACTTCTCCGCTATAACCAGGTGGTGGCCAGAAGCCTGACACAAGTCGCCATAG  
 GAGGATCATTGGAGTGTCTGGCGCGGCCCTCCACCGCCTTACCGAGGTGGAGCGGCTGTGCGCGCAGG  
 CCCGGCGGCTCAGGCTGTGCTGAGGGAGGAACTGGGCGCCTGCGGGTCCCTGGACCTTACGGAAGACCAG  
 GCGGAGCTGTGGGAGCGTTGCAGGCGCTGGTGGGCGGCACCGTGCAGTACGACGGGAGGCGGGAGCGC  
 CGCTAAGCGTGCAGCAGCTCTGCGGTCTCCTGCTCGGGAAGTGGGGAACCGCAGCCGCTCCACGCCCTA  
 CTTGGGGCTTCGCGGGCTGTACAGATAGTCTTGGCAGCATGGGACAGAAGTGTAAAGCTTTCCCGG  
 GCAGAGACAGTGGCACAGCTGAGCAACACCGAACCGCAAGTGTCTGGTGTGGGGGACCGGAGTGGTTGT  
 ACCAGACATGCACTGAGTTGGCTTCTATGTCACCTGTGAGGGTCTTCAAGTGTCTTTTCCAGCTCCC  
 AGCACTGCCCTTCCAGCTAGAGCTGTGTGAACAAGTGTGGCCCTCACCTGCATCTGTTGCCAGGCT  
 GTGGCCAGACAACTCCTATTATGGTGGTGTGAGGCCCTGGAGCCACCAAGTACTGTTTGTAAATGGAG  
 ACACAGATCCTTGGCATGTATTGAGCGTAACACAGGACTTAGGACTGTCTGAGCCAGCCCTTCTAATTCC  
 TAGTGCTTCCACTGCTTCGATATGGCACCTATGAGGCCCTCAGACTCTCCAGCCTCCGCTGGGACGT  
 CAGAAAATCTCCAGCAATTACAGGATTGGCTCAAAGATATAAAGAAGAGCCAGAGT**TGA**

**ACGGT**ACGGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_019429

**Insert Size:** 1530 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:** [NM\\_019429.2](#), [NP\\_062302.1](#)

**RefSeq Size:** 2152 bp

**RefSeq ORF:** 1530 bp

**Locus ID:** 54373

**UniProt ID:** [Q9QXE5](#)

**Cytogenetics:** 13 8.12 cM

**Gene Summary:** Protease that may play a role in T-cell development.[UniProtKB/Swiss-Prot Function]