

## Product datasheet for **MC228442**

### Prss56 (NM\_027084) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Prss56 (NM_027084) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Prss56
Synonyms:	1700027L20Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC228442 representing NM\_027084  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGCCCTGGCTATGTTGTTGCTGCTGCTGCTACTGTCCCCAGACTCCCAAAGTCCCATGGGCATC  
 CACTGTACACGCGCTGTCCCCGGCGCCTGCAAGTTTTATCTGCCAGGGGACTCAGGCATTGCAGGC  
 TGCCAGAGGAGTGCCAGTGGGCCATAAAGCGCGTGTGATGGAGATCCAGCACAGACTACATGAATGC  
 CAAGGACCTGGACGCCCTAGACCTCAAGCCCCCTCCTCCAGGACCCACCGAGCCAGTACAATGTGGAG  
 AAAGACATCAAGGCGTTGCCAACACGACCCGGGCTCACGGCCGATAGTCGGTGGCAGCAGCGCTCCCTC  
 GGGGGCTGGCCTTGGCTAGTGAGGCTGCAACTGGAGGGTTGCCTCTGTGCGGGGTGTCTGGTAGCA  
 GCATCTGGGTGCTCACGGCTGCACATTGCTTCGCCGGTGCCTCGAATGAGCTTCTGTGGACTGTGATGC  
 TCGCCGAGGGCCTCAGGGGAGCAAGCGGAAGAAGTGCAGGTGAACCGCATTTGCCCCACCTAAGTT  
 TGACCCGACAGACTTTTACAATGACCTGGCCTTGGTACAGTTGTGGACGCTGTGAGCCAGAGGGGCT  
 GCGCGCCCAATTTGCCTTCCCAGGGTTCTCGGGAGCCTCCTGCCGACCCCTGCGCCATTGCAGGCT  
 GGGGGCTCTCTTGAAGACGGGCTGAGTCTGAGGCAGTGAGGGAGGCCCGCTTCCGCTGCTCAGTGC  
 AGACACCTGTCAAAGGTCTGGGGCTGGGCTGCGGCCAGCACCATGCTCTGCGCTGGTTACCTGGCA  
 GGGGGCATCGACTCATGCCAGGGTACTCCGGGGCCCTTAACTGTTCCGAGCCCGGCCCGGCCCA  
 GAGAGTCTCTTTGGAGTCACTTCTGGGGAGATGGCTGTGGGAACAGGGAAGCCTGGGGTCTACAC  
 CCGTGTGACCGTGTCAAAGACTGGCTGCAGGAGCAGATGAGCGCGGGCCCTCCACTCGCGAGCCTAGC  
 TGCAGAGAACTTCTAAATTGGAACGCTCGGAAGAGGAGCCGTTACGGACGCCCCGGGCTCTGTGCCT  
 TCTATGCCGCGCCAGTGCCTAGGGTCCGAGAGCTCCTGTGCGCGCCTAGCGCTCCAACAGTGTCTGCAGCG  
 CAGGCGACGGTGCAGCTACGGTCACTGGCGCACACCCTGCTTGGTCTGCTGCGGGGCGCCAGGAGCTG  
 CTGCGCCCCGGCCAGGATTGCGCGTGGAGTCTCCGCGCCGCTCGCTCCGCGCCGCTCGCTCCAGGAGC  
 TTCCCGTCACAATCCCCGAGAACAGCGTTATACTCAGGATCGCGAATTGCGGGAACCTGGCTCCAGAA  
 ACCAAAGCCGAGCGCGCCCGGAAACAAGGGCTGCCCTGGGCTGGAGCCTCTGCAACAGAAGTTAGCG  
 GCTATTACAGCGAGCGCATGCTTGGATCTACAGATCCCAGCTGAGCACTTGCCATGAATTTTCATGAGG  
 TGCTGGCAGATCTGGGCTCAAGACACTGACAGGACTCTCAGAGCTTGGGTGAGGGCCGGTTTGGGGGA  
 CCAGCGTGTGGTCTTCACTGGCCTAGTGGGCTTGAACCTCCACACTGGCTCATAGTCTCCCCGGCTA  
 CTAGTGCAGGCCCTGAAGCCTTCCGCTCAGCTTCCCTGACAGAAGGAGAGCCCCAGGCACCTGGATAG  
 GTGCTGATCAAGGACAGAGGCTGGGAAAGGAGCGCCAGGGCCAACCTCCAGCCTCTGTTCCCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_027084

**Insert Size:** 1815 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).

**OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

**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\\_027084.2](#), [NP\\_081360.1](#)

**RefSeq Size:** 2179 bp

**RefSeq ORF:** 1815 bp

**Locus ID:** 69453

**UniProt ID:** [F2YMG0](#)

**Cytogenetics:** 1 C5

**Gene Summary:** Serine protease required during eye development.[UniProtKB/Swiss-Prot Function]