

Product datasheet for **RN214774**

Prss16 (NM_001033710) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prss16 (NM_001033710) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Prss16
Synonyms:	MGC125068
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN214774 representing NM_001033710
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAGTCAAGGCTCCATGGTTGGCTTCTTGCTTCTGGTTTCCCTCTGGGGACTGTCAGTCCAGCTT
 TGCTTCTCCGGCCCTGAGAGAACACATTCAGAACTTTCAGGAGAGCTCTAACACACACCCAGGCTCTGT
 CCTAGGCCACGGTCTGGAGCTATCCCCAAACAAGGGTGGTTAGAACAGCCACTGGATCCCTTCAATGCA
 ACTGACAGACGAATCTTCTACAGCGGACTGGGTGAATGATCAACACAGAACTGGCCAAGATGCACCAG
 TATTTCTGCACATAGGAGGTGAGGGCAGCCTTGGACCTGGCTCAGTAATGACAGGGCATCCTGCTGCACT
 GGCCCTGCCTGGGGGGCCCTGGTGATAAGCCTGGAACACAGATTCTATGGTCTGAGTATGCCTGCTGGG
 GGCTGGATGTGGCCCTGCTCCACTACTGTCCAGCCGCATGCGTTGGCTGACGTGGCCTCTGCTCGTC
 AGCGCTCTCCGGCTCCTCAATGTGTCTTCTCCAGCCCTTGGATCTGCTTCGGAGGCTCCTATGCTGG
 CTGCTGGCGACTGGACCCGGTTGAAGTTCACCCACCTAGTCTTGGCCCGCTGCCTCCTCCGCACCA
 TTGAACGCAGTAGTGGACTTCTCCGCCTATAACCAGGTGGTGGCCAGAAGCCTGACGCAAGTCCACATAG
 GCGGATCATTGGAGTGCCTGGCGCGGCCCTCCACAGCCTTTCGGGAGGTAGAGCGGCTGCTGCGCGCAGG
 TCTGGCGTCTCAGGCTGTGCTGAGGGAGGAACTGGGCGCCTGCGGGTCCCTGGACCTTATTGAAGACCAA
 GCGGAGCTGTGGGAGCGTTGCAGGCACTGGTGGGAGGCACGGTGCAGTACGACGGGCAGGCGGGATCGC
 CGCTAAGCGTGCAGCAGCTGCGGACTCCTGCTCCGGACTGGGGAAACCGCAACCACTCCACGCCTTA
 CCTGGGGCTTCGCGGGCTGTACAGAGAGTCTTGGCAGCATGGGACAGAAGTGTAAAGCTCTCCAGA
 GCAGAGACAGTGGCACAGCTGAGAAACACCGAACCGCAAGTGTCTGGCGTGGGGGACCGGCAGTGGTTGT
 ATCAGACATGCAGTGGTTGGCTTCTATGTACCTGTGAGGGCCTTCAGTGTCTTTTTCCAGCTCCC
 AGCATGCCCTTCCAGCTAGATCTGTGTGAACAAGTGTGGCCCTCACCTTCATCTGTTGCCAGGCT
 GTGGCCAGACAACTCCTATTATGGTGGCCAAAGTCTGGAGCCACCAAGTAATGTTTGTAAACGGGG
 ACACAGATCCCTGGCATGTACTGAGTGTAAACAGGACTTAGGACCCTCTGAGCCAGCCCTTCTAATTCC
 TAGTGCCTCCCACTGCCTTGATGGCACCTATGAGGCCCTCAGACTCTCCTAGCCTCCGCCTAGGGCGT
 CAGAAAATCTCCAGCAATTACAGGTCTGGCTCAAAGATATAAGAAGAGCCAGGACTGATGAGAT**CTGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001033710

Insert Size: 1539 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_001033710.1](#), [NP_001028882.1](#)

RefSeq Size: 2090 bp

RefSeq ORF: 1539 bp

Locus ID: 364719

Cytogenetics: 17p11