

Product datasheet for **RN212886**

Prss53 (NM_001109156) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prss53 (NM_001109156) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Prss53
Synonyms:	Pol3s; RGD1311277; RGD1566127
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN212886 representing NM_001109156
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGGCAGAGCTGGGGACCAGAGCTGCTTATTGTGGAGCTGTGATCGTGATAGAGGGTCTTCAAGCAG
 CTCAGCGTGCATGTGGCAGCGTGGCCCTGGCCCTCCAGAGCCTCAGGAAGGCAACACGTTACCTGGCGA
 ATGGCCCTGGCAGGCCAGTGTGAGACGACAGGGGTACACATCTGCAGTGGCTCCTTGGTGGCAGATAACC
 TGGGTCTTACAGCTGCTCACTGCTTTGAAAAGATGGCCACAGCAGAAGTGAAGTCTGCTGGTCCGCTGGTCC
 TGGGTTCTCTCAAGCAGGAGGGGCTGAGCCCGGGGGCTGAGGAGGTGGGAGTTGCTGCCCTACAGCTGCC
 CAAGGCCATAACCACTATAGCCAGGGATCAGACCTGGCTCTGCTCCAGCTTACCCACCCCATAGTTCAC
 ACAACCCTCTGCTGCCCAACCCACCCACCCTCCCTTTGGAGCTTCTTGTGGGCCACTGGCTGGG
 ACCAGAACACCAGTGATGTTCCAGGACCCTACGGAATCTGCGCCTTCGCTCATCAGCCGCCCCACCTG
 TAACTGTCTCTACAATCGTTGCACCAGAGGCTGCTGGCCAATCCAGCAAGATCTGGGATGTTGTGTGGG
 GGTGCACAGCCTGGGGTACAGGGACCCTGCCAGGGAGATTCTGGGGGACCTGTGATGTGCCGTGAACCTG
 ATGGACTGGTCCAAGTTGGGATCATTAGTTTACATCAAATTTGTGCCAAGAGGACACCCCTGTGCT
 GCTGACTGACATGGCGGCACACAGTTCGTGGTGCAGGCCATGTTGACAGAGCAGCTTTCTTGGTGCAG
 GACCCAGGAGTCGTGAAGATGAGTGACGAGAACAGCTGTGTAGCATGTGGCTCCTTGAGTAGTGGAGGAC
 CCCAGGCAGGAGCCCTCTCCAGTGGCCCTGGGATGCCAGACTGAAGCACCATGGGAAGCTGGCTTGTGG
 TGGAGCCCTGGTATCGGAGGTGGTGGTGTGCTGACTGCTGCTCACTGCTTTATCGGGCGACAAACCCTAGAG
 GAATGGAGTGTAGGACTGGGGCTGGACCAGAGGAATGGGGCTGAAGCAACTCATTCTGCATGGGGCTT
 ACACCCACCCAGAAGGCGGCCATGATGTGGCTTTCCTGCTGCTGGCTCAGCTGTGACGTTGGGCCCTGG
 CCTCAGGCCCTCTGCTTGCCCTATGCTGACCACCGCCTGCCTGACGGGGAACATGGCTGGGTTCTTGGG
 CTGACCCGAGAAGCAGGCATCAACCACCCCATACAGTGCCTGTGACAGTCTGGGGCAATGGCCTGTA
 GCAGACAACATGCAGTCTTGGTAGCACGGGTGTTCCATTCTGCCAGGGATGATATGCACCACTGTTGT
 GGGTGAGCCACCTCACTGTGAGGTGAGTTCAGTTCCTTACTCAGCAGACCCCTGGCATCTCTCC
 CACCCTGAACAGACTCTACCAGGCTTAGCTGCTAGCCCTGCTTCTCACCTGAAACTAAACCCCTTCTGTGT
 CAGCTGGCCCCAAACCCCTTCTATCTGTGGCAGGAAGTTACCAAGTATAACCTGCTCTCTCTAACAGG
 GACTCTCTGGGGCACCCTTGTAC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001109156

Insert Size: 1638 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_001109156.1](#), [NP_001102626.1](#)

RefSeq Size: 1986 bp

RefSeq ORF: 1638 bp

Locus ID: 499270

Cytogenetics: 1q37