

Product datasheet for **MC218905**

Prss53 (NM_001081268) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prss53 (NM_001081268) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Prss53
Synonyms:	mFLJ00289; Pol3s
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >MC218905 representing NM_001081268
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAGGCAGAGCTGGAGACCAGAGCTGCTTATTGTGGAGCTGTGGTCGTGATAGAGGGTCTTCAAGCAG
 CTCAGCGTGCATGCGGGCAGCGTGGCCCTGGCCCTCCAGAGCCCCAGGAAGGCAACACATTACCTGGTGA
 ATGGCCCTGGCAGGCCAGTGTGAGGCGACAGGGGTACACATCTGCAGTGGCTCCTTGGTGGCAGACACT
 TGGGTCTCACAGCTGCTCACTGCTTTGAAAAGATGGCCACAGCAGAAGTGAAGTCTGCTGGTCCGTTGGTCC
 TGGGTTCTCTCAAGCAGGAGGGGAGAGCCCGGGGGCTGAGGAGGTGGGAGTTGCTGCCCTGCAGTTGCC
 CAAGGCCATAACCACTATAGCCAGGGATCAGATCTGGCCCTGCTCCAGCTACCCACCCACCCTTTCAG
 ACAACCCTCTGCTGCCCAACCCACCTACCCTTCCCCTTTGGAGCTTCTTGTGGGCCACTGGCTGGG
 ACCAGAACACCAGTGATGTTCCAGAACCCTACGGAATCTGCGCCTCCGTCTCATCAGCCGCCCACTTG
 TAACTGTCTCTACAATCGGTTGCACCAGAGGTTGCTGTCCAACCCAGCAAGACCTGGGATGCTCTGTGGG
 GGTGCACAGCCTGGGGAACAGGGGCCCTGCCAGGGAGATTCTGGGGGACCTGTGATGTGCCGTGAGCCTG
 ATGGACACTGGGTCCAGGTTGGAATCATTAGTTTACATCAAAATGTGCCAAGAGGACACCCCTGTGCT
 GTTGACTGACATGGCAGTACACAGTTTATGGTGCAGGCCATGTTACAGAGGCAGCTTTCTTGGTGCAG
 GCCCCAGGAGTTGTGAAGATGAGCGACGAGAACAGCTGTGTAGCATGTGGCTCCTTGAGGAGTGCAGGAC
 CCCAGGCAGGAGCGCTCTCTCAGTGGCCCTGGGATGCCAGGCTGAAGCACCACGGGAAGCTGGCTTGTGG
 TGGAGCTCTGGTATCGGAGGTGGTGGTGTGCTGACGGCTGCTCACTGCTTTATCGGGCGCCAAACCCTAGAG
 GAATGGAGCGTAGGACTGGGGCTGGACCAGAGGAATGGGGCTGAAGCAACTCATTCTGCACGGGGCCT
 ACACCCACCCAGAAGGCGGCTATGATGTGGCCTTCCTGCTGCTGGCTCAGCTGTGACATTGGGCCCTGG
 CCTAAGGCCCTCTGCTTGCCTATGCTGACCACCCTGCTGATGGTGAACATGGCTGGGTTCTTGGG
 CTGACCCAAAAAGCAGGCATCACTACCCCCAGACAGTACCTGTGACAGTCTGGGGCCGATGGCCTGTA
 GCAGACAGCATGCAGCTCCTGGGGGCACAGGCATCCCCATCCTGCCAGGGATGGTATGCACCACTGTGCT
 GGGTGAGCCCCCTCACTGTGAGGGCCTCTGGGGCGCCACTTGTACATGAGATCAGGGGCACATGGTTC
 CTGGTTGGACTGCACAGCTTTGGAGACCTGTCAAAGCTCTGCAAAGCCTGCAGTTTTTGCAGCACTCT
 CTGCTACGAGGACTGGATCAGCAATCTAGACTGGCAGGCTACTTCGCTGAGGAGCCAGAGCCTGAGGC
 TGAGACTGGAAGTCTTGGTCAACTCGAGCCAACCAGCCAGTTGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001081268

Insert Size: 1659 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_001081268.1](#), [NP_001074737.1](#)

RefSeq Size: 2531 bp

RefSeq ORF: 1659 bp

Locus ID: 330657

UniProt ID: [Q571E5](#)

Cytogenetics: 7 F3

Gene Summary: In vitro can degrade the fibrinogen alpha chain of as well as pro-urokinase-type plasminogen activator.[UniProtKB/Swiss-Prot Function]