

Product datasheet for **RN210448**

Tmprss6 (NM_001130556) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmprss6 (NM_001130556) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tmprss6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN210448 representing NM_001130556

Red=Cloning site Blue=ORF Orange=Stop codon

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

 ATGCCAAGATGTTTCAGCTCCCCTGTTCTACCAGGATGCCACCGCTGAGGTTCCCAAGCAGCTGGTG
 GTCAGGGTGATGGAGGTGATGGAGAGGAAGCTGCAGAGCCAGAGGGGTGTTCAAGGCCCCAGAAACGC
 CAAGAGAAAAGACAGGGACTACGTCCGCTTACACCACTGTTGCTGGTCTTGCTGCGTTGGCTTCGGCA
 GGAGTCATGCTCTGGTATTTCTAGGGTACAAGGCGGAAGTGACCATAAGCCAGGTGTACTCTGGCAGCC
 TCCGGGTGCTCAACCGCATTTTTACAGGACTTGGCCGACGGGAGTCTATTGCTTTCGCACTGAAAC
 TGCCAAAGCCCAGAAGATGTTCCAAGAGCTGGTGGCAGACCCGCTTGGGTACTTACTACAACCTCAGT
 TCCATCTACGCCCTTGGGAGGGACCCCTTATCTGCTTCTTGGTTCATCCTTGACATCCCCGAGTACC
 AGCGACTGACCTGAGCCCTGAGGTGGTGGCAGAGCTCCTGGTGGTGAGCTACTGTCCAACAGCTCAGC
 CTTGGCTTCTATAGGACCGAATATGAGGTGGACCCGGAAGGCCTGGTGATACTAGAAGCCAGCGTGAAC
 GACATAGTCGACTGAATTCACGCTGGGCTGTTACCGCTACAGCTACGTGAACCCGGGCCAGGTCTCC
 GGTGAGGGGGCCCGACAGCAGACCACTAGCTGCCTGTGGCACCTGCAGGGGCCGAGGACCTCATGCT
 CAAAGTGACGCTAGAGTGGACTCGGGTTGATTGCAGAGACAGGGTGGCGATGTACGACGACGCTGGGCC
 CTGGAGAAGAGACTTATCACCTCGGTCTATGGGTGCAGCCGCCAGGAACCCGTGATGGAGGTGCTGGCGT
 CGGGCTCTGTCTATGGCCGTGGTGTGAAGAAGGGCTTGCATAGCTTCTATGACCTTTTCTGCTCTCAGT
 GAAGTCTGTGGCCTTCCAGGACTGCCAGGTGAACCTGACCCTGGAAGGCCGGTGGATCCACAGGGCTTC
 CTCCGTACACCTACTACCCAGTTACTACTCGCCAGTACCCACTGCTCCTGGCATCTCACGGTTCCT
 CTCTGGACTATGGCTTGGCACTCTGGTTTGACGCCTATGCACTGAGGAGGCAGAAGTACAACCTACTATG
 TACTCAGGGCCAGTGGATGATCCAGAACAGGAGGCTATGTGGCTTCCGTACCCTGCAGCCATATGCTGAG
 AGGATCCCGTGGTGGCCTCGGATGGTATCACCATCAACTTCACCTCCCAGATCTCCCTCACAGGCCCGG
 GTGTGCAAGTGTACTACAGCTTGTACAACCAATCAGACCCCTGCCCTGGAGAGTTCCTCTGCTCTGTGAA
 TGGATTGTGTGCCCTGCTTGTGACGGAATCAAGGACTGCCCCAACGGCCTGGATGAGAGGAAGTGTGTC
 TGCAGAGCCATGTTCCAGTGCCAAGAGGACAGCACGTGCATCTCACTGCCGAGAGTCTGTGACCGGCAGC
 CCGACTGTCTCAATGGTAGCGACGAAGAGCAGTGCCAAGAAGGAGTGCCTGTGGGACATTCACTTTCCA
 GTGTGAGGACCGAGCTGTGTGAAGAAGCCCAACCCGAGTGTGACGGGCAGGCAGACTGCAGGGATGGC
 TCGGATGAGGAGCACTGTGACTGTGGCTCCAGGGCCCTCCAGCCGATTGTGGCGGGGCCATGTCCT
 CGGAGGGTGAGTGGCCCTGGCAGGCCAGTCTCCAGATTCCGGGTGACACATCTGTGGGGGGCTCTCAT
 CGCTGACCGCTGGGTCTAACAGCCGCTCACTGCTTCCAGGAGGACAGCATGGCCTCCCCGAGGCTGTGG
 ACCGTGTTTCTGGGAAAGATGCGGCAGAACTCACGCTGGCCGGGCGAGGTGTCTTCAAGGTGAGCCGCC
 TGTTCTGACCCGATCATGAGGAGGACAGCCATGACTACGACGTGGCCCTGCTGCAGCTGGACCAACC
 TGTGGTGTACTCGGCCACCGTGCGCCCGTCTGCCTGCCCGCACGCTCTCACTTCTTTGAGCCAGGCCAG
 CACTGCTGGATCACAGGCTGGGGAGCCAGCGAGAGGGTGGTCTGGTAGCAGCACCCCTCAGAAGGTGG
 ATGTGCAACTGATCCCTCAGGACCTGTGCAATGAGGCCACCGTTACCAGGTGACCCACGCATGCTCTG
 TGCTGGTTATCGCAAGGGCAAGAAAGATGCCTGCCAGGGCGACTCTGGAGGCCCACTGGTTTGAAGGAG
 CCCAGG**TGA**
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001130556

Insert Size:

2319 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:	<u>NM_001130556.1, NP_001124028.1</u>
RefSeq Size:	2999 bp
RefSeq ORF:	2319 bp
Locus ID:	315388
Cytogenetics:	7q34