

Product datasheet for **RN214298**

Tmprss2 (NM_130424) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmprss2 (NM_130424) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tmprss2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN214298 representing NM_130424
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCATTGAACTCAGGGTCACCTCCAGGAATTGGACCTTACTATGAGAACCACGGGTATCAGTCTGAGC
ACGTCTATCCCCGAGGCCACCTGTGTCTCCAGTGGCTACAACCTTGATCCAGCCAGAGCTGCCCATC
TCCAGTCCCCAGTATGCTCCGAGAGTCAACAACAAGCCTCAACACCTGCCATCCACATACAGCCCCGA
TCCTCAGGAACACTGTGCACCTCAAATCTAAGAAATCCATGCTTGTGCGCCCTGGCCCTGGGCACTGTCC
TCGCCGGTGTGCTGTGGCTGTGGCTTGTGGAAAGTCTGGGACAGCAAGTGTCTTTCATCAGAGAT
GGAGTGTGGGTCTTCAGGGACATGTATCAGCTCCTCCCTCTGGTGTGACGGAGTGTACAGTGTCCCAAC
GGGAAGACGAGAACCGGTGTGTCGCCTATGGAACAAGCTTACCCTCCAGGTTTACTCATCTCAGA
GAAAGCCTGGTATCCCGTCTGCCAGGATGATTGGAATGAGAGCTACGGGAGAGCAGCATGAAAGACAT
GGGATACAAGAACAGCTTTTATTCTAGCCAAGGGATACCAGACCAGAGCGGGCAACGAGCTTTATGAAG
CTGAATGTGAGCGCAGGCAACGTGACCTCTATAAAAACTCTACCACAGTACTCGTGCTCATCCCGCA
TGGTGGTTTTCTTTCGCTGTATAGAATGCGGGGTTGCTCAGTAAGACGTGAGAGCAGGATTGTGGGTGG
GTCGACCGCCTCACAGGAGACTGGCCCTGGCAGGTGACGCTGCACGTCCAAGGTATCCATGTCTGCGGA
GGTCCATCATACCCCCGAGTGGATTGTGACAGCCGCCACTGTGTGGAAGAACCCTCAGCAGCCCTA
GGTACTGGACGGCATTTCGCGGAATTTTAAACAGTCTCTCATGTTCTATGGAAGTAGACACCAGGTAGA
AAAAGTGATTTCCCATCCAAATACGACTCTAAGACCAAGAATAATGACATTGCTCTCATGAAGTGCAG
ACACCTTGGCTTTTAAATGATGATGAGGCCAGTGTGTCTGCCGAACCCAGGCATGATGCTGGACCTAG
CCCAGGAGTGTGGATTTTCAGGGTGGGGGCCACCTATGAGAAAGGGAAGACCTCAGATGTGCTGAATGC
TGCCATGGTACCCTTGATCGAGCCCTCCAAATGTAATAGCAAATACATATACAACAACCTAATCACACCA
GCCATGATCTGCGCCGGGTTCTCCAGGCTCTGTGACTCTTGTGAGGAGACAGTGGAGGGCCCTGG
TTACTTTGAAGAATGAAATCTGGTGGCTGATTGGGACACGAGCTGGGGCTCGGGCTGTGCCAAGGCATA
CAGACCTGGAGTATACGGGAATGTGACAGTATTTACAGATTGGATCTACCAGCAAATGAGGGCGAACAGC
TAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_130424

Insert Size: 1473 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_130424.3](#), [NP_569108.2](#)

RefSeq Size: 3135 bp

RefSeq ORF: 1473 bp

Locus ID: 156435

Cytogenetics: 11q12

Gene Summary: mouse homolog is a transmembrane serine protease [RGD, Feb 2006]