

Product datasheet for **RN209306**

Tmprss5 (NM_153311) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmprss5 (NM_153311) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tmprss5
Synonyms:	Amp
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN209306 representing NM_153311
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGATCCGGTGCACAGAAGAGGGTCTGGCCTGGGATCTTCAGAGCAGAGTTGGGAGACCAGCAGC
 AACCCATCTCTCAGTCCCAGCGTTGGTGCCTGCAACGTGGCTGTGTAATACTGGGAGCCCTGGGGCT
 GCTGGCTGGAGCAGGTGTTGGTTCCTGGCTCTTAGTGTTATCTCTGGCCGGCTGCCTCTCCACCCGTC
 TCGGTGACGTTGCAGGAGGAGGTAACGCTGAGCTGCCAGGAGTGAGCAGTGAGGAAAACTCCTTC
 CATCTCTCCAAAGCAGTATCTTTCAGAATAAATGGTGAGGATCTTCTGCTTGAAGTCAAGTAAGGGC
 TCGCCAGACTGGCTCCTGGTCTGCCATGAGGGCTGGAACCTGCCCTGGGGATGCACATCTGCCAGAGT
 CTTGGATATTTCAAGGCTCACTCAACACAAGGCAGTGAATCTGTCTGACATCAAGCTCAACAGATCCCAGG
 AGTTTGCTCAGCTCTCTGCTAGACCGGGAAGCCTTGAGAGGAGGCATGGCAGCCAGCAGCTAACTGTCC
 TTCTGGCCGAATTGTTTCTCTCAAATGTTCTGAGTGTGGGGCAAGACCTCTGGCTTCTCGAATAGTTGGC
 GGTCAAGCTGTGGCTTCTGGGCGCTGGCCGTGGCAAGCTAGTGTGATGCTCGGCTCCCGACACACATGTG
 GGGGCTCTGTGCTGGCACCCACTGGGTAGTGACTGCCGCCACTGCATGTACAGTTTCAGGCTGTCCCG
 TCTATCCAGCTGGCGGGTTCATGCAGGGCTGGTCAGCCACAGTGTGTCGACAACACAGGGAATATG
 GTGGAGAAGATCATTCCCACCCCTTGTACAGCGCCAGAACCATGACTATGATGTGGCTCTGCTGCAGC
 TCCGTACACCAATCAACTTCTCAGACACTGTGAGCGCTGTGTGTTGCCGGCCAAGGAGCAGCACTTTCC
 ACAAGGGTCGAGTGTGGGTGTCTGGCTGGGGCCACACCCAGCCAGCCATACTCATAGCTCAGATACA
 CTGCAGGACACAATGGTACCCCTGCTTAGCACCGATCTCTGCAACAGCTCATGCATGTACAGTGGGGCAC
 TCACACCCGCATGCTGTGTGCCGGCTACCTGGATGGAAGGGCAGATGCGTGCAGGGAGCAGTGGGGG
 ACCCTGGTGTGTCCAGTGGTGACACGTGGCACCTTGTAGGGGTGGTCAGCTGGGGTCGTGGCTGTGCA
 GAGCCCAATCGCCAGGTGTCTATGCCAAAGTAGCAGAGTTCTGGACTGGATCCATGACACTGTGCAGG
 TCCGCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_153311

Insert Size: 1338 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_153311.1](#), [NP_695223.1](#)

RefSeq Size: 2385 bp

RefSeq ORF: 1338 bp

Locus ID: 266681

Cytogenetics: 8q23

Gene Summary: has a short splicing variant targeted to cytosol and a longer splice variant form that is mitochondrial [RGD, Feb 2006]