

Product datasheet for **MC216021**

Tmprss5 (NM_030709) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmprss5 (NM_030709) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tmprss5
Synonyms:	spinesin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216021 representing NM_030709
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGATTCGGTGCACGGAAGAGGGTGTGGCCTGGGATCTTCAGAATGGAGTTGGGAGACCAGAGGC
 AATCCATTTCTCAGTCCCAACGCTGGTGTGCCTGCAACGTGGCTGTGTTATACTGGGCGTCTGGGGCT
 TCTGGCTGGAGCAGGCATTGCTTCATGGCTCTTAGTGTTATCTATGGCCAGCTGCCTCTCCATCCATC
 TCTGGGACGTTGCAGGAGGAGGAGATGACTTTGAACTGTCCAGGAGTGAGCCGTGAGGAAGAGCTCCTTC
 CATCTCTCCAAAACAGTATCTTTCAGAATAAATGGAGAGGATCTTCTGCTTCAAGTACAAGTAAGAGC
 TCGGCCAGACTGGCTCCTGGTCTGCCACGAGGGCTGGAGCCCCGCCCTGGGCATGCACATCTGCAAGAGT
 CTTGGGCATATCAGGCTTACTCAACACAAGGCCGTGAATCTGTCTGACATCAAGCTCAACAGATCCCAGG
 AGTTTGCTCAACTCTCTGCTAGACCGGGAGGCCTTGTAGAGGAGTCATGAAAACCCAGCGCTAACTGTCC
 TTCTGGCCGAATTGTTTCTCTCAAATGTTCTGAGTGTGGGGCAAGGCCTCTGGCTTCTCGAATAGTTGGC
 GGCAAGCTGTGGCTTCTGGGCGCTGGCCATGGCAAGCTAGCGTGATGCTTGGCTCCCGGCACACGTGTG
 GGGCCTCTGTGTTGGCACCACACTGGGTAGTGACTGTGCCCACTGCATGTACAGTTTCAGGCTGTCCCG
 CCTATCCAGCTGGCGGGTTCATGCAGGGCTGGTCAGCCACGGTGTGTCCGACAACACAGGGAATATG
 GTGGAGAAGATCATTCCCACCCCTTGTACAGTGCCAGAACCATGACTATGATGTGGCTCTGCTGCAGC
 TCCGGACACCAATCAACTTCTCAGACACCGTGGGCGCTGTGTGCTTGCCGGCCAAGGAGCAGCACTTTCC
 ATGGGGTTCGAGTGTGGTGTCTGGCTGGGGCCACACCCAGCCAGCCATACTCATAGCTCAGATACA
 CTGCAGGACACAATGGTACCCCTGCTCAGCACCTACCTCTGCAACAGCTCATGCATGTACAGTGGGGCAC
 TTACACCCGCATGTTGTGTGCTGGCTACCTGGATGGAAGGGCAGACGCATGCCAGGGAGCAGCGGGGG
 ACCCTGGTATGTCCAGTGGTACACGTGGCACCTTGTAGGGGTGGTCAGCTGGGGTCTGTGGCTGTGCA
 GAGCCCAATCGCCAGGTGTCTATGCCAAGGTAGCAGAGTTCTGGACTGGATCCATGACACTGTGCAGG
 TCCGCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_030709

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_030709.2](#), [NP_109634.2](#)
RefSeq Size: 2070 bp
RefSeq ORF: 1338 bp
Locus ID: 80893
UniProt ID: [Q9ER04](#)
Cytogenetics: 9 A5.3
Gene Summary: May play a role in hearing.[UniProtKB/Swiss-Prot Function]