

## Product datasheet for **MC215701**

### **Tmprss4 (NM\_145403) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Tmprss4 (NM_145403) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tmprss4
Synonyms:	mCAP2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC215701 representing NM\_145403  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGAGTCAGACAGTGGCCAACCCCTCAACAACCGTGATATTGTTCCCTTCGCAAACCCGAAGGCCCC  
 AGGAGACCTTCAAAAAGGTGGGGATCCCCATCATTGCAGTGCTGCTGAGCCTGATAGCCCTCGTGATTGT  
 GGCCCTTCTCATCAAGGTGATTCTGGATAAATACTACTTTCATCTGCGGCAGTCCCCTGACCTTCATTGAG  
 AGGGGCCAGTTGTGTGACGGCCACCTTGACTGCGCCTCAGGGGAGGATGAGGAACACTGTGTCAAGGACT  
 TCCCTGAAAAGCCCGAGTGGCAGTCCGGCTCTCCAAGGACAGATCCACCCTGCAGGTGCTGGATGCAGC  
 CACAGGGACCTGGGCCTCAGTCTGTTTCGACAACCTCACAGAAGCACTGGCCAAGACAGCCTGCAGACAG  
 ATGGGCTATGACAGCCAGCCGCTTTCAGAGCAGTGGAGATCCGTCCAGATCAGAACCTCCCTGTTGCTC  
 AAGTCACAGGAAACAGCCAGGAACCTCAGGTGCAGAATGGAAGCAGATCCTGCCTCTCAGGCTCCCTGGT  
 TTCTTGGCTGCCTTGACTGTGAAAGAGCCTGAAGACTCCTCGTGTGGTGGTGGGTTGGAGGCCCT  
 GTGGATTCTTGGCCGTGGCAGGTGAGCAGTACAACAAGCAGCATGTCTGTGGTGGGAGCATCCTGG  
 ATCCCCACTGGATCCTCAGCAGCCCACTGCTTCAGGAAGTATCTTGATGTGTCAAGCTGGAAGGTCAG  
 GGCAGGCTCAAACATACTGGGTAACCTCCATCCTTGCCTGTGGCCAAGATCTTCATCGCTGAACCCAAT  
 CCTCTGTACCCCAAGAGAAGGACATTGCCCTTGTAAAGTGCAGATGCCACTCACATTCTCAGGCTCAG  
 TCAGGCCCATCTGCCTGCCCTTCTCTGATGAGGTGCTTGTCCCAGCCACACCAGTCTGGGTCATTGGATG  
 GGGCTTACAGAAGAAAACGGAGGAAAGATGTCTGACATGCTACTGCAGGCATCAGTCCAGGTCAATTGAC  
 AGCACACGGTGAATGCAGAGGATGCCTACGAAGGGGAAGTGACCCTGAGATGCTGTGTGCAGGTACCC  
 CACAGGTGGCAAGGACACCTGCCAGGTGACAGTGGTGGCCCTTGTATGTACCATCTGACAAGTGGCA  
 GGTAGTAGGCATCGTGAAGCTGGGCCATGGATGCGGGCGGCCAAGTACTCCTGGAGTGTATACCAAGGTC  
 ACTGCCTATCTCAACTGGATCTACAATGTTTCGGAAGTCTGAGATG**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_145403

**Insert Size:** 1308 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\\_145403.2](#), [NP\\_663378.1](#)

RefSeq Size:	2267 bp
RefSeq ORF:	1308 bp
Locus ID:	214523
UniProt ID:	<u><a href="#">Q8VCA5</a></u>
Cytogenetics:	9 A5.2
Gene Summary:	Probable protease. Seems to be capable of activating ENaC.[UniProtKB/Swiss-Prot Function]