

## Product datasheet for MC207909

### Tmprss11d (NM\_145561) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Tmprss11d (NM_145561) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tmprss11d
Synonyms:	AsP; AST; BC020151
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC207909 representing NM_145561 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGTATAGGCCAAGACCAATGCTATCACCGTCAAGATTCTTCACTCCCTTGCAGTAGCTTTCGTTGTCA  
TAATAACGGTAGGGCTCCTGGCCATGATGGCAGGTCTACTTATCACTTTTTAGCTTTTGACAAGAAAGC  
TTACTTTTATCATAGCAGCTTTCAAATCCTAAACGTTGAATACACTGAGGCTTTAAACTCACCAGCTACA  
CACGAATACAGAACCTTGAGTGAAGAATTGAGGCTATGATTACTGATGAATTCGAGGATCAAGTCTAA  
AAAGTGAGTTTATCAGGACACATGTTGTCAAATAAGAAAAGAAGGGACTGGTGTGGTTGCGGATGTTGT  
CATGAAATTTTCGATCTAGTAAACGTAACAACAGAAAGGTAATGAAAACCAGAATCAATCTGTGCTACGA  
AGACTCAGCAGCTCTGGAACTTGGAAATAGCCCTTCGAATGAGATAACATCACTCACTGACCAGGATA  
CAGAAAATGTTTTGACTCAAGAAATGTGGAGCACGTCCAGACCTTATAACTGTGAGAGAGAGAATCAT  
TGGAGGCATGCAAGCTGAGCCCGGTGACTGGCCCTGGCAAGTCAGTCTACAGCTCAATAATGTCCACCAC  
TGTGGAGGTGCCCTGATCAGTAACATGTGGTCTGACAGCAGCTCATTGCTTCAAAGCTATCCTAATC  
CTCAATATTGGACAGCCACCTTTGGGGTTTCTACAATGAGCCCTAGGCTGAGAGTGAGAGTAAGGGCTAT  
TTTAGCCACGACGGGTACAGCTCCGTAACCTCGTGACAATGACATCGCAGTTGTACAACCTTGACAGATCT  
GTCGCCTTTTCCAGAAATATCCATAGGGTATGTCTCCCAGCAGCAACCCAAAATATCATCCCTGTTCTG  
TCGCATATGTTACAGGATGGGATCTCTCACATATGGAGGCAACGCAGTCACAAATCTACGGCAAGGAGA  
GGTCAGAATAATAAGTTCAGAGGAATGCAATACGCCAGCTGGTTACAGTGGAAAGTGTCTTGCCAGGAATG  
CTGTGTGCTGGAATGCGTTCAGGGGCCGTGGATGCATGCCAGGTGATTCAGGTGGCCCGCTAGTACAAG  
AAGACTCAAGGCGCTTTGGTTTGTGTGGCATTGTGAGCTGGGGATATCAGTGTGGCCTCCCAAATAA  
GCCAGGCGTGTACTCGAGTGACAGCTACCGCAACTGGATCAGACAGCAGACGGGAATC**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_145561
<b>Insert Size:</b>	1254 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_145561.2</a></u> , <u><a href="#">NP_663536.1</a></u>
<b>RefSeq Size:</b>	2046 bp
<b>RefSeq ORF:</b>	1254 bp
<b>Locus ID:</b>	231382
<b>UniProt ID:</b>	<u><a href="#">Q8VHK8</a></u>
<b>Cytogenetics:</b>	5 E1
<b>Gene Summary:</b>	May play some biological role in the host defense system on the mucous membrane independently of or in cooperation with other substances in airway mucous or bronchial secretions. Preferentially cleaves the C-terminal side of arginine residues at the P1 position of certain peptides (By similarity). Plays a role in the proteolytic processing of ACE2. Isoform 2 may play a key role in regulating adrenal proliferation by specifically cleaving N-POMC. [UniProtKB/Swiss-Prot Function]