

Product datasheet for MC212461

Tmprss11a (NM_001033233) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tmprss11a (NM_001033233) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tmprss11a
Synonyms: Gm7
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC212461 representing NM_001033233
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAAGTGGCAGGATATGGCACCCACAACAGAGATCTGAAGCAATGGATGGTTACCCCTCTCTCTGCTC
 TCTCCCTGATGATGGTGGTAGTGACCATTGGACTTCTGGCTCTCTTCTCGTGTTCGATATCAAGTCAA
 TAGCAACTCAGGACAAAAGAGCTCAAATCAACTGAAGGACTTACAAGAGACGAATGAAAATTTGGTAGAT
 GAAATATTTATAGATTCAGCCTTGAACAATCGCTACATCAAAAACCACGTAGTCGGACTAACACCAGAAG
 AGGATGATACAAAAGCAGACATTGTCATGGTGTCCAGCCTCCCCTACAGGGCGAAGAACCCTAGGGAA
 AAAGACGCACCATAGCATCTTAGATCAGAAGACAAGGAACGCAAGAGCTTTGCCAGCTGATGCTCACTG
 GTTCAAGTTAAAGATTGTGGCAAGCGAGCTATCCCATTAATTGCCAACAGAATAGTGTCTGGAAACCCTG
 CAGCTAAGGGTGCCTGGCCGTGGCAAGTTTCCCTTCAGCGAAGCAACATCCATCAGTGTGGGGCACGTT
 GATTGGTAACATGTGGGTCTGACTGCAGCACACTGTTTTAGAACCAATCAAACCCTCGCCAATGGACT
 CTTAGTTTTGGAACAACAATAAATCCTCCCTTAATGAAAAGAGACGTGAGAAGAATATTATGCATGAAA
 GGATATCGTCCCCAGCAAGAGACCATGACATTGCTCTAGTGCAGTTTTCTCCAGAGTCACTTTTCGGA
 TGAAGTGCGCCGAATTTGTTTGCCAGAACCCTCTGCATCTTCCACCAATTCAACTGTCTACATCACA
 GGATTCGGAGCACTTTACTATGGCGGGGAATCCCAAAATGAGCTCCGTGAAGCCAGAGTACAATCATAA
 GCAATGACATCTGCAAGAAGCGACACGTGTATGGCAATGAAAATAAACGTGGGATGTTCTGTGCTGGATT
 TCTGGAAGGAAATTACGATGCCTGCAGGGGTGATTCTGGGGGACCATTGGTTATAAGAGACAACAAAGAT
 ACCTGGTATCTCATTGGAATTGTGAGCTGGGGAGACAACGTGGTCAAAGAACAAGCCTGGGGTGTACA
 CACAAGTGACTTATTACCGACACTGGATTGCTTCGAAAACGGGTCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001033233
Insert Size:	1170 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:	<ol style="list-style-type: none">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:	<u>NM_001033233.2</u> , <u>NP_001028405.1</u>
RefSeq Size:	2657 bp
RefSeq ORF:	1170 bp
Locus ID:	194597
UniProt ID:	<u>Q3UQ41</u>
Cytogenetics:	5 E1
Gene Summary:	Probable serine protease which may play a role in cellular senescence. Overexpression inhibits cell growth and induce G1 cell cycle arrest.[UniProtKB/Swiss-Prot Function]