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Product datasheet for MC223582

Tmprss9 (NM_001081688) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmprss9 (NM_001081688) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tmprss9
Synonyms:	Serase-1B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

>MC223582 representing NM_001081688
Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAGCCCACTGCACCAGACTTACAACTTGTGCCAGAGGTGACAAAGGCTGTCTCTGTATCTGCTCCAG
ACCCTGGCCCTTGTCGAACGGCTGTCATCGCAGTGGTGGGCATCAGCATGGCCATCGTGACCCTGGGAGT
CCTTTCAGCCTTCTTCTCCGCACAGGGCGCCCACGTGGAGCACATAGCAGAGCTACATGGGATCCGTTTC
ACCAGTTCTTTGCAGCAGGAGAACTCTGACTTCTACCGCCTACTCACGCATGCTCTGCAGACACTGTTTG
TGAGTAGTTTCCAGAAAACAGAGTTAGAGTCGAGCTGCGCAGGCTGCACCGTGCTTAGTTACAGGGATGG
CAATTCCACTGTGATTGTACATTTCCGGCTACACTTTCTGCTCCGAGCCCTCCAGCCCCTGAGCCTGAAG
CAGGAAGCAGACATCTTGCAGAAAGGAATCCAGGCAAGGCTGCAGGAACAAGGTCTTTCCCTGGCTGCCT
ATGGCACCATCGTGTCAGTCGAGCTGACAGGAAGGTGTGAAGGTCCGGTGACTGAGAGGGACTTAAAGTC
AGGCCACTGCCCCGGGAATGTCTTCTCCTGTCAGAATGGTCAGTGCGTGAGCAAAGAGAACCCGGAGTGT
GATGACAGAGTGGACTGCTCCGACGAGTCTGATGAGGCTCAGTGCGACTGCGGCTGGCAGCCTGCCTGGA
GGTCAGCTGGCAGGATCGTGGGAGGAGTGGAGGCGGCTCCCGGGGAGTTCCCCTGGCAGGTCAGTCTTCG
AGAGAATCACGAACACTTCTGTGGCGCCACCATCATCGGTGCCAGGTGGCTGGTGTCTGCTGCCCACTGC
TTCAACGAATTCCAGGACCCTGCGCAGTGGGCCGCCCAGGCGGGCAGTGTGCACCTGAGCGGGTCAGAGG
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CGACGTGGCGGTGCTGGAGCTGGCGCGCCCGCTGCCCTTCGGACGCTATGTGCAGCCTGCCTGCCTCCCC
GCGGCCACGCACGTCTTCCCGCCGGGCAAGAAGTGTCTGATCTCGGGCTGGGGTTACCTGAAAGAGGACT
TCCTGGTGAAGCCAGAGGTCCTTCAGAAAGCCACGGTGGAATTGCTGGACCAGAGCCTGTGTTCCAGCCT
GTACGGCCACTCGCTCACCGACAGGATGGTGTGTGCCGGCTACCTGGACGGGAAGGTAGACTCCTGCCAG
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GGGGAATCGGCTGCGCAGAAGCGCGGCGCCCAGGGGTCTACACCCGAGTCACCAGGCTGCGGGATTGGAT
CTTGGAGGTGACCAGCGCTGCTGACATGCCTGTGGTCCCCACCGCGACTCCAGCGCCCGCCACCCCCAGC

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ACTCCCTGGCCTACCAGCCCTGAGAGCTGGGCGCCCAACACCTTTGCCAAACCCACCGCTGCCCCCAGCC
CTGTGCCACTGCACCCCAGCACTACGGCCAAGCCACAAGAGTGTGGGGCCAGACCCGCCATGGACAAGCC
CACTCGGATTGTGGGCGGGATCAGCGCCGTGTCTGGGGAGGTGCCCTGGCAGGCCAGCCTGAAGGAAGGA
CCCAGACATTTCTGCGGAGCCACCGTGGTGGGTGACCGCTGGCTGCTGTCTGCCGCCCACTGTTTCAACC
ACACCAAAGTGGAGCAGGTGCAGGCGCACCTGGGCACCGTGTCCCTGCTGGGTGTCGGCGGGAGCCCCGT
GAAACTGGGGCTCCGAAGGGTGGCCCTGCATCCCCGCTACAACCCAGGAATCCTGGACTTTGACGTGGCC
CTGCTGGAGTTAGCCCAGCCATTGGTCTTCAACAAGTACATCCAACCGGTTTGTCTGCCCCTGGCCATCC
ACAAGTTCCCAGTCGGCCGGAAGTGTATGATCTCAGGCTGGGGCAACATGCAGGAGGGAAATGCCACCAA
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TCCCTCACTGACCGCATGCTCTGTGCTGGCTTCCTGGAGGGCAGAGTTGACTCCTGCCAGGGTGATTCTG
GTGGCCCCTTGGCATGTGAAGAGACACCTGGTGTCTTTTACCTGGCTGGCATCGTGAGCTGGGGCATTGG
CTGTGCCCAGGCTAAGAAGCCTGGCGTATATGCACGAATCACACGCCTCAAGGACTGGATCCTGAAAGCG
ATGTCCTCAGACCCCAGCTCCATGGCTCGCCCCCACACCTCCAGCACACGGCTCATCCCTAGTGAGCCCC
CCAAAACCACAGCTGCTGGCCTCATTATCCCAGAGGCCACCACCAGCAGACTTGCTACCCCCAGGGCCAC
CATCAGAGTGACCACTAGACCACTCAACACAACACTGTCTGCCAGGAGTACCACCACCAGGGGACAGACA
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CCCTGACCCGGATAGTGGGCGGCAGCGCAGCCTCGCTTGGGGAGTGGCCCTGGCAAGTGAGCCTGTGGCT
GCGGCGCAGGGAGCACCGATGTGGGGCGGTACTGGTGGCCGAGAGGTGGCTTCTGTCTGCAGCACACTGT
TTCGACATCTATGGGGACCCTATGCAGTGGGCGGCCTTCCTGGGCACCCCATTCCTGAGCAGCACGGAGG
GCCAGTTGGAGCGCGTGGCACGCATCTATCGCCACCCGTTCTACAACATCTACACACTGGACTATGACGT
GGCACTGCTGGAGCTGGCGGGACCCGTGCGCCGCAGCCGCTTGGTGCGACCCATCTGCCTACCAGGTCCC
GCAAGGCCCCCTGACGGCGCTCGATGCGTCATCACCGGCTGGGGCTCGCTGCGCGAGGGAGGCTCCATGG
CGCGGCAGCTGCAGAAGGCCGCAGTAAGGGTCCTCAGTGAACAGACATGTCGCCGCTTCTACCCAGTGCA
GATCAGCAGCCGTATGTTGTGTGCAGGCTTCCCACAGGGTGGCGTGGACAGCTGCTCGGGTGATGCAGGG
GGACCCCTGGCCTGCAGGGAGCCATCTGGCCAATGGGTGCTAACTGGGGTCACCAGCTGGGGCTACGGCT
GTGGCAGGCCCCACTTCCCAGGTGTCTACACTCGAGTGGCTGCTGTGCTGGGATGGATAGGCCAGAACAT
CCAGGAATGA

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1621_b10.zip

Restriction Sites: SgfI-RsrII

ACCN: NM_001081688

Insert Size: 3300 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001081688.2, NP_001075157.2
RefSeq Size:	3454 bp
RefSeq ORF:	3300 bp
Locus ID:	432478
Cytogenetics:	10 C1