

Product datasheet for **SC123910**

TMPRSS11E (NM_014058) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMPRSS11E (NM_014058) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMPRSS11E
Synonyms:	DESC1; TMPRSS11E2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_014058, the custom clone sequence may differ by one or more nucleotides

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ATGATGTATCGGCCAGATGTGGTGAAGGCTAGGAAAAGAGTTTGTGGGAACCCTGGGTTATCGGCCTCG
TCATCTTCATATCCCTGATTGTCCTGGCAGTGTGCATTGGACTCACTGTTTATTATGTGAGATATAATCA
AAAGAAGACCTACAATTACTATAGCACATTGTCATTTACAACGACAACTATATGCTGAGTTTGGCAGA
GAGGCTTCTAACAAATTTACAGAAATGAGCCAGAGACTTGAATCAATGGTAAAAATGCATTTTATAAAT
CTCCATTAAGGGAAGAATTTGTCAAGTCTCAGGTTATCAAGTTCAGTCAACAGAAGCATGGAGTGTGGC
TCATATGCTGTTGATTTGTAGATTTCACTCTACTGAGGATCCTGAACTGTAGATAAAATGTTCAACTT
GTTTTACATGAAAAGCTGCAAGATGCTGTAGGACCCCTAAAGTAGATCCTCACTCAGTTAAAATAAAA
AAATCAACAAGACAGAAACAGACAGCTATCTAAACCATTGCTGCGGAACACGAAGAAGTAAACTCTAGG
TCAGAGTCTCAGGATCGTTGGTGGGACAGAAGTAGAAGAGGGTGAATGGCCCTGGCAGGCTAGCCTGCAG
TGGGATGGGAGTCATCGCTGTGGAGCAACCTTAATTAATGCCACATGGCTTGTGAGTGTCTCACTGTT
TTACAACATATAAGAACCCTGCCAGATGGACTGCTTCCCTTTGGAGTAACAATAAAACCTTCGAAAATGAA
ACGGGGTCTCCGGAGAATAATTGTCCATGAAAAATACAAACCCCATCACATGACTATGATATTTCTCTT
GCAGAGCTTTCTAGCCCTGTTCCCTACACAAATGCAGTACATAGAGTTTGTCTCCCTGATGCATCCTATG
AGTTTCAACCAGGTGATGTGATGTTTGTGACAGGATTTGGAGCACTGAAAAATGATGGTTACAGTCAAAA
TCATCTTCGACAAGCACAGGTGACTCTCATAGACGCTACAACCTGCAATGAACCTCAAGCTTACAATGAC
GCCATAACTCCTAGAATGTTATGTGCTGGCTCCTTAGAAGGAAAAACAGATGCATGCCAGGGTCACTCTG
GAGGACCACTGGTTAGTTCAGATGCTAGAGATATCTGGTACCTTGCTGGAATAGTGAGCTGGGGAGATGA
ATGTGCGAAACCAACAAGCCTGGTGTATACTAGAGTTACGGCCTTGCGGGACTGGATTACTTCAAAA
ACTGGTATCTAA
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_014058 unedited
 GCATTTGGAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGTCGACCTTCACA
 GGACTCTTCATTGCTGGTTGGCAATGATGTATCGGCCAGATGTGGTGAGGGCTAGGAAAA
 GAGTTTGTGGGAACCCCTGGGTTATCGGCCTCGTCATCTTCATATCCCTGATTGCTCTGG
 CAGTGTGCATTGGACTCACTGTTTATTATGTGAGATATAATCAAAAGAAGACCTACAATT
 ACTATAGCACATTGTCAATTTACAACCTGACAACTATATGCTGAGTTTGGCAGAGAGGCTT
 CTAACAATTTTACAGAAATGANCCNNANANNNNNNNNNNANNNANANNAANNAANAAAAA
 AAGAAAAAANAGAAGGAAGGGAAAAGAGAAGGGGAAGAAGGAGAAAGGAANAGAGAGAG
 AGAGAAAAGGAAGAAGAGAGGNGGAGGAGGAGGAGAGGAAGAAGGGAAGGAGAGGG
 GAGAGGAAGAGANGAGGAGGAGAAAAGGGGAGAAAGAGAGATGAGAAGAGAGGGGAGAGA
 GGAAGAAGAGAAATGAGTGGAGGAGAGAGGAAAGTAGGAAGAAAGGGAAGGAGGATGGGT
 GTGGGAGGAGGTAGAAAAATGGTTGAAAAAGGAGGATAGAAAGGAGAGAAAGGAAGT
 AGCGGGATANGGAGCGAGGGGAATAGATGTGAGCATTGGGACGTGAGAGTAAGCACAGA
 GAGTGACTGACAGAAAGAGAAAGAGCGAGTACACGTGAAAACATAGCGATGGTAGATAG
 GAACGAGGCATATAGAGTGAGTACCAAGAGGAAGCGACAGAGCGCCAAAATAGCACAGAT
 GCAAACGGCGGAAAGAGGGCGAACGAGGTGGAACGGTTAGTTCGCTGACGAGCGAGGAG
 AGAGACGAGGAGTTTCAGGGGAGAAGCGGGGAGAGAGAACATGCGGAGCGTGC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_014058 unedited
 CAGTGCCTTCCAGGCCAGGAGAGGCACTGGGGAGGGGTCACAGGGATGCCACCCGGGAT
 CTGTTCCAGGAAACAGCTATGACCCGGCCCAATCTAGAGTCGAGTTTTTTTTTTGGTTT
 TTTTTTATAAAAAGTAAGAGCAACAAATATTTATTGATTGTGCTCCTAACTGGAATCCA
 TTCCACAATACAGTAGAAGCTGATACAGATGTGTCAGAAAACCTTAAATATAACATGT
 ATCAGAAACTAAATTCAGGTATAAAGAGAGATTCTCCATATCAACCATGTCTTTAGTCTA
 TGTTTGATTGTGTACCCTGTGGAAGGTGAAAAACAGACTTTATATCAACCAACATAAGA
 TACATGGAAGTGCCATGGTAGAGTCCATGCAGAATTACAGAAATTGAGCAGTAATACCTT
 CATGAAGGAAATACTGTTTCTTTTCTACCCAAAGCCATTTCTTTTATTTTAC
 GTATATTTATTTGTTTCTTTTACTCTTTATTTTATTTAATAAACTTTTATAGAAC
 AACTGCCATAACAATATTATAGTTTTCTGTGAACTGTGAAGGATATAAAATGAACCAG
 TTAGTGTCCCCACCCTCATGGAGTTTACAGTCTAGTTGTTGAAATCACATCTATCTGCAC
 ATCTGAAATACACAGGTAGATATTCTAAGTACAGAGAGTTTTACAAGTAGTAAGGAGCCA
 TGTGAAAAGAATATGGCCGTTCTTAAAACTAACATGTCCTACGGATGACCAGCN

Restriction Sites:

NotI-NotI

ACCN:

NM_014058

Insert Size:

6000 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:	NM_014058.2 , NP_054777.2
RefSeq Size:	2103 bp
RefSeq ORF:	1272 bp
Locus ID:	28983
UniProt ID:	Q9UL52
Cytogenetics:	4q13.2
Protein Families:	Druggable Genome, Protease, Secreted Protein, Transmembrane
Gene Summary:	Serine protease which possesses both gelatinolytic and caseinolytic activities. Shows a preference for Arg in the P1 position.[UniProtKB/Swiss-Prot Function]