

Product datasheet for **SC215537**

TMPRSS2 (NM_005656) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	TMPRSS2 (NM_005656) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	TMPRSS2
Synonyms:	PRSS10
ACCN:	NM_005656
Insert Size:	1867 bp



[View online »](#)

Insert Sequence: >SC215537 3'UTR clone of NM_005656
The sequence shown below is from the reference sequence of NM_005656. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ATTATCGACAAATGAGGGCAGACGGCTAATCCACATGGTCTTCGTCCTTGACGTCGTTTTACAAGAAA
ACAATGGGGCTGGTTTTGCTTCCCGTGCATGATTTACTCTTAGAGATGATTCAGAGGTCACCTCATT
TTATTAACACAGTGAACCTGTCTGGCTTTGGCACTCTGCCATTCTGTGCAGGCTGCAGTGGCTCCCT
GCCCAGCTGCTCCTAACCCCTGTCCGCAAGGGGTGATGGCCGGCTGGTTGTGGGCACTGGCGGT
CAAGTGTGGAGGAGAGGGGTGGAGGCTGCCCATTTGAGATCTTCTGCTGAGTCTTTCCAGGGGCCAA
TTTTGGATGAGCATGGAGCTGTACCTCTCAGCTGCTGGATGACTTGAGATGAAAAAGGAGAGACATGG
AAAGGGAGACAGCCAGGTGGCACCTGCAGCGGCTGCCCTCTGGGCGCACTTGGTAGTGTCCCGCCTA
CCTCTCCACAAGGGGATTTGCTGATGGGTTCTTAGAGCCTTAGCAGCCCTGGATGGTGGCCAGAAATA
AAGGGACCAGCCCTTCATGGGTGGTACGCTGGTGGTACTTGTAAAGGGGAACAGAAACATTTTTGTCT
TATGGGGTGAGAAATATAGACAGTGCCCTTGGTGCAGGGGAAGCAATTGAAAGGAACTTGCCTGAGCA
CTCCTGGTGCAGGCTCCACCTGCACATTGGGTGGGGCTCCTGGGAGGGAGACTCAGCCTTCTCTCTCA
TCCTCCCTGACCTGCTCCTAGCACCTGGAGAGTGCACATGCCCTTGGTCTGGCAGGGCGCCAAGT
CTGGCACCATGTTGGCCTCTTACGGCCTGCTAGTCACTGGAAATTGAGGTCCATGGGGGAAATCAAGGA
TGCTCAGTTAAGGTACACTGTTCCATGTTATGTTTCTACACATTGCTACCTCAGTGTCTCTGAAAC
TTAGCTTTTGATGTCTCCAAGTAGTCCACCTTCATTTAACTCTTTGAAACTGTATCATCTTTGCCAAGT
AAGAGTGGTGGCCTATTTCACTGCTTTGACAAAATGACTGGCTCCTGACTTAACGTTCTATAAATGAA
TGTGCTGAAGCAAAGTGCCCATGGTGGCGGCAAGAAGAGAAAGATGTGTTTTGTTTGGACTCTGTG
GGTCCCTTCCAATGCTGTGGGTTTCCAACAGGGGAAGGGTCCCTTTTGATTGCCAAGTCCATAACC
ATGAGCACTACTACCATGTTCTGCCTCCTGGCCAAGCAGGCTGGTTTGAAGAATGAAATGAATGA
TTCTACAGCTAGGACTTAACCTTGAAATGGAAAGTCATGCAATCCATTTGCAGGATCTGTCTGTGCAC
ATGCTCTGTAGAGAGCAGCATTCCAGGGACCTTGGAAACAGTTGGCACTGTAAGGTGCTTGTCTCCC
AAGACACATCCTAAAAGGTGTTGTAATGGTGAACAGTCTTCTCTTTATTGCCCTTCTTATTTATG
TGAACAACTGTTGTCTTTTTTTGTATCTTTTTAACTGTAAAGTTCAATTGTGAAAATGAATATCAT
GCAATAAATTATGCAATTTTTTTTTCAAAGTAACTACTGCATCTTTGAAGTTCTGCCTGGTGGTAGG
ACCAGCTCCATTTCTTATAAGGGGGTATGTTGAGGCTGCTGGTCCAGAGGACCAAGGTGAGGCAAG
GCCAGACTTGGTCTCCTGTGGTGGTGCCTCAGTTCCTGCAGCCTGTCTGTTGGAGAGGTCCCTCA
AATGACTCCTTCTATTATTCTATTAGTCTGTTTCCATGCTCCTAATAAAGACATACCCAAGACTGCAA
TTTA
ACGCGTAAGCGGCCCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_005656.4](#)

Summary:

This gene encodes a protein that belongs to the serine protease family. The encoded protein contains a type II transmembrane domain, a receptor class A domain, a scavenger receptor cysteine-rich domain and a protease domain. Serine proteases are known to be involved in many physiological and pathological processes. This gene was demonstrated to be up-regulated by androgenic hormones in prostate cancer cells and down-regulated in androgen-independent prostate cancer tissue. The protease domain of this protein is thought to be cleaved and secreted into cell media after autocleavage. This protein also facilitates entry of viruses into host cells by proteolytically cleaving and activating viral envelope glycoproteins. Viruses found to use this protein for cell entry include Influenza virus and the human coronaviruses HCoV-229E, MERS-CoV, SARS-CoV and SARS-CoV-2 (COVID-19 virus). Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2020]

Locus ID:

7113

MW:

69