OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC215536

TMPRSS2 (NM_001135099) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	TMPRSS2 (NM_001135099) Human 3' UTR Clone
Symbol:	TMPRSS2
Synonyms:	PRSS10
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001135099
Insert Size:	1629 bp

View online »

Insert Sequence:

>SC215536 3'UTR clone of NM_001135099
The sequence shown below is from the reference sequence of NM_001135099. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ATTTATCGACAAATGAGGGCAGACGGCTAATCCACATGGTCTTCGTCCTTGACGTCGTTTTACAAGAAA
ACAATGGGGCTGGTTTTGCTTCCCCGTGCATGATTTACTCTTAGAGATGATTCAGAGGTCACTTCATTT
TTATTAAACAGTGAACTTGTCTGGCTTTGGCACTCTCTGCCATTCTGTGCAGGCTGCAGTGGCTCCCCT
GCCCAGCCTGCTCTCCCTAACCCCTTGTCCGCAAGGGGTGATGGCCGGCTGGTTGTGGGCACTGGCGGT
CAAGTGTGGAGGAGAGGGGTGGAGGCTGCCCCATTGAGATCTTCCTGCTGAGTCCTTTCCAGGGGCCAA
TTTTGGATGAGCATGGAGCTGTCACCTCTCAGCTGCTGGATGACTTGAGATGAAAAAGGAGAGACATGG
AAAGGGAGACAGCCAGGTGGCACCTGCAGCGGCTGCCCTCTGGGGCCACTTGGTAGTGTCCCCAGCCTA
CCTCTCCACAAGGGGATTTTGCTGATGGGTTCTTAGAGCCTTAGCAGCCCTGGATGGTGGCCAGAAATA
AAGGGACCAGCCCTTCATGGGTGGTGACGTGGTAGTCACTTGTAAGGGGAACAGAAACATTTTTGTTCT
TATGGGGTGAGAATATAGACAGTGCCCTTGGTGCGAGGGAAGCAATTGAAAAGGAACTTGCCCTGAGCA
CTCCTGGTGCAGGTCTCCACCTGCACATTGGGTGGGGCTCCTGGGAGGGAGACTCAGCCTTCCTCCTCA
TCCTCCCTGACCCTGCTCCTAGCACCCTGGAGAGTGCACATGCCCCTTGGTCCTGGCAGGGCGCCAAGT
CTGGCACCATGTTGGCCTCTTCAGGCCTGCTAGTCACTGGAAATTGAGGTCCATGGGGGAAATCAAGGA
TGCTCAGTTTAAGGTACACTGTTTCCATGTTATGTTTCTACACATTGCTACCTCAGTGCTCCTGGAAAC
TTAGCTTTTGATGTCTCCAAGTAGTCCACCTTCATTTAACTCTTTGAAACTGTATCATCTTTGCCAAGT
AAGAGTGGTGGCCTATTTCAGCTGCTTTGACAAAATGACTGGCTCCTGACTTAACGTTCTATAAATGAA
TGTGCTGAAGCAAAGTGCCCATGGTGGCGGCGAAGAAGAGAAAGATGTGTTTTGTTTTGGACTCTCTGT
GGTCCCTTCCAATGCTGTGGGTTTCCAACCAGGGGAAGGGTCCCTTTTGCATTGCCAAGTGCCATAACC
ATGAGCACTACTCTACCATGGTTCTGCCTCCTGGCCAAGCAGGCTGGTTTGCAAGAATGAAATGAATGA
TTCTACAGCTAGGACTTAACCTTGAAATGGAAAGTCATGCAATCCCATTTGCAGGATCTGTCTGTGCAC
ATGCCTCTGTAGAGAGCAGCATTCCCAGGGACCTTGGAAACAGTTGGCACTGTAAGGTGCTTGCTCCCC
AAGACACATCCTAAAAGGTGTTGTAATGGTGAAAACGTCTTCCTTCTTTATTGCCCCTTCTTATTTATG
TGAACAACTGTTTGTCTTTTTTTGTATCTTTTTTAAACTGTAAAGTTCAATTGTGAAAATGAATATCAT
GCAAATAAATTATGCAATTTTTTTTTCAAAGTAAAAAAAAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

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_001135099.1

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: 60.3