

Product datasheet for **SC315590**

TMPRSS13 (NM_001077263) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMPRSS13 (NM_001077263) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMPRSS13
Synonyms:	MSP; MSPL; MSPS; TMPRSS11
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

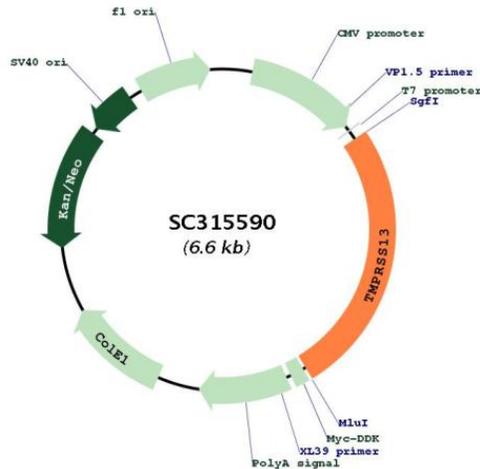


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Fully Sequenced ORF: >SC315590 representing NM_001077263.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAGAGGGACAGCCACGGGAATGCATCTCCAGCAAGAACACCTTCAGCTGGAGCATCTCCAGCCCAG
GCATCTCCAGCTGGGACACCTCCAGGCCGGGCATCTCCAGCCCAGGCATCTCCAGCCCAGGCATCTCCA
GCTGGGACACCTCCGGGCCGGGCATCTCCAGCCCAGGCATCTCCAGCTGGTACACCTCCAGGCCGGGCA
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CCAACCAGAGTGTACCTTGTTAGAGCAACACCAGTGGGGGCTGTACCCATCCGATCATCTCTGCCAGG
TCAGCACCAGCAACCAGGGCCACCAGGGAGAGCCAGGTACGAGCCTGCCAAGTTCACCTGGCGGGAG
GGCCAGAAGCAGTACCCTCATCGGGTGGTCTCTCTCATTGCCCTGGTGGTTTCGCTCATCATC
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ATCGCCCTCATGCGGCTGTCCAAGCCCCTGACCCTGTCCGCTCACATCCACCCTGCTTGCCTCCCATG
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TTGGTCTATGACAGTTACCTTACCCCAAGGATGATGTGTGCTGGGGACCTTCGTGGGGCAGAGACTCC
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AGCTGGGGCACAGGCTGTGGCCAGAGAAACAACCTGGTGTGTACACCAAAGTGACAGAAGTTCTCCC
TGGATTTACAGCAAGATGGAGAGCGAGGTGCGATTAGAAAATCC TAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: Sgfl-Mlul

Plasmid Map:


ACCN: NM_001077263

Insert Size: 1704 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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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.

RefSeq: [NM_001077263.2](#)

RefSeq Size: 3462 bp

RefSeq ORF: 1704 bp

Locus ID: 84000

UniProt ID: [Q9BYE2](#)

Cytogenetics: 11q23.3

Protein Families: Druggable Genome, Protease, Transmembrane

MW: 61.5 kDa

Gene Summary: This gene encodes a member of the type II transmembrane serine protease family. Transmembrane serine proteases are regulated by protease inhibitors and known to function in development, homeostasis, infection, and tumorigenesis. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]
Transcript Variant: This variant (1) represents the longest transcript and encodes the longest protein (isoform 1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.