

Product datasheet for **SC332113**

TMPRSS13 (NM_001244995) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: TMPRSS13 (NM_001244995) Human Untagged Clone
Tag: Tag Free
Symbol: TMPRSS13
Synonyms: MSP; MSPL; MSPS; TMPRSS11
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC332113 representing NM_001244995.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGAGAGGGACAGCCACGGGAATGCATCTCCAGCAAGAACACCTTCAGCTGGAGCATCTCCAGCCCAG
GCATCTCCAGCTGGGACACCTCCAGGCCGGGCATCTCCAGCCCAGGCATCTCCAGCCCAGGCATCTCCA
GCTGGGACACCTCCGGGCCGGGCATCTCCAGCCCAGGCATCTCCAGCTGGTACACCTCCAGGCCGGGCA
TCTCCAGGCCGGGCATCTCCAGCCCAGGCATCTCCAGCCCAGGCATCTCCAGCCCGGGCATCTCCGGCT
CTGGCATCACTTCCAGGTCCTCATCCGGCAGGTCATCATCCGCCAGGTCAGCCTCGGTGACAACCTCC
CCAACCAGAGTGTACCTTGTAGAGCAACACCAGTGGGGGCTGTACCCATCCGATCATCTCTGCCAGG
TCAGCACCAGCAACCAGGCCACCAGGGAGAGCCAGGTACGAGCCTGCCAAGTTCACCTGGCGGGAG
GGCCAGAAGCAGCTACCGCTCATCGGGTGCCTCCTCCTATTGCCCTGGTGGTTTCGCTCATATC
CTCTTCCAGTTCTGGCAGGGCCACACAGGGATCAGGTACAAGGAGCAGAGGGAGAGCTGTCCAAGCAC
GCTGTTTCGCTGTGACGGGGTGGTGGACTGCAAGCTGAAGAGTGACGAGCTGGGCTGCGTGAGGTTTAC
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TGAATGACTCCTACTCAGAGAAGACCTGCCAGCAGCTGGGTTTCGAGAGTGCTCACCAGGACAACCGAG
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CACAGGCTGAATGCCCTTCCAGCGGTATATCTCTCCAGTGTCCACTGCGGACTGAGGGCCATG
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TTGGTCTATGACAGTTACCTTACCCAAGGATGATGTGTGCTGGGGACCTTCGTGGGGGACAGACTCC
TGCCAGGGAGACAGCGGGGGCCTTGTGTGTGAGCAGAACAACCGCTGGTACCTGGCAGGTGTACC
AGCTGGGGCAGGCTGTGGCCAGAGAAACAACTGGTGTGTACACCAAGTGACAGAAGTTCTTCCC
TGGATTTACAGCAAGATGGAGAGCTCAGCGGTGA
  
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Restriction Sites: Sgfl-Mlul
ACCN: NM_001244995



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Insert Size:	1692 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:	<u>NM_001244995.1</u>
RefSeq Size:	2254 bp
RefSeq ORF:	1692 bp
Locus ID:	84000
UniProt ID:	<u>Q9BYE2</u>
Cytogenetics:	11q23.3
Protein Families:	Druggable Genome, Protease, Transmembrane
MW:	60.8 kDa
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (4) includes an alternate 3' terminal exon, compared to variant 1. It encodes isoform 4 which is shorter and has a distinct C-terminus, compared to isoform 1.</p>