

## Product datasheet for **SC318868**

### **TMPRSS11A (NM\_001114387) Human Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** TMPRSS11A (NM\_001114387) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** TMPRSS11A  
**Synonyms:** ECRG1; HATL1; HESP  
**Vector:** pCMV6 series  
**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_001114387, the custom clone sequence may differ by one or more nucleotides

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ATGATGTATCGGACAGTGGGATTTGGCACCCGAAGCAGAAATCTGAAGCCATGGATGATT
GCCGTTCTCATTGTGTTGTCCTGACAGTGGTGGCAGTGACCATAGGTCTCCTGGTTCAC
TTCCTAGTATTTGACCAAAAAAGGAGTACTATCATGGCTCCTTTAAAATTTTAGATCCA
CAAATCAATAACAATTTTCGGACAAAGCAACACATATCAACTTAAGGACTTACGAGAGACG
ACCGAAAAATTTGGTGGATGAGATATTTATAGATTCAGCCTGGAAGAAAAATATATCAAG
AACCAAGTAGTCAGACTGACTCCAGAGGAAGATGGTGTGAAAGTAGATGTCATTATGGTG
TTCCAGTTCCTCTACTGAACAAGGGCAGTAAGAGAGAAGAAAAATCCAAGCATCTTA
AATCAGAAGATAAGGAATTTAAGAGCCTTGCCAATAAATGCCTCATCAGTTCAAGTTAAT
GCAATGAGCTCATCAACAGGGGAGTTAACTGTCCAAGCAAGTTGTGGTAAACGAGTTGTT
CCATTAACAGTCAACAGAATAGCATCTGGAGTCATTGCACCCAAGGCGGCTGGCCTTGG
CAAGCTTCCCTTCAGTATGATAACATCCATCAGTGTGGGGCCACCTTGATTAGTAACACA
TGGCTTGTCACTGCAGCACACTGCTTCCAGAAGTATAAAAATCCACATCAATGGACTGTT
AGTTTTGGAACAAAAATCAACCTCCCTTAATGAAAAGAAATGTCAGAAGATTTATTATC
CATGAGAAGTACCGCTCTGCAGCAAGAGAGTACGACATTGCTGTTGTGCAGGTCTCTTCC
AGAGTCACCTTTTCGGATGACATACGCCAGATTTGTTTGCCAGAAGCCTCTGCATCCTTC
CAACCAAAATTTGACTGTCCACATCACAGGATTTGGAGCACTTTACTATGGTGGGAATCC
CAAAATGATCTCCGAGAAGCCAGAGTGAATAATCATAAGTGATGATGTCTGCAAGCAACCA
CAGGTGTATGGCAATGATATAAACCTGGAATGTTCTGTGCCGGATATATGGAAGGAATT
TATGATGCCTGCAGGGGTGATTCTGGGGACCTTTAGTACAAGGGATCTGAAAGATACG
TGGTATCTCATTGGAATTGTAAGCTGGGGAGATAACTGTGGTCAAAGGACAAGCCTGGA
GTCTACACACAAGTGACTTATTACCGAACTGGATTGCTTCAAAAACAGGCATC
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**Restriction Sites:** Please inquire  
**ACCN:** NM\_001114387  
**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).



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<b>OTI Annotation:</b>	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.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_001114387.1</a></u> , <u><a href="#">NP_001107859.1</a></u>
<b>RefSeq Size:</b>	2419 bp
<b>RefSeq ORF:</b>	1257 bp
<b>Locus ID:</b>	339967
<b>UniProt ID:</b>	<u><a href="#">Q6ZMR5</a></u>
<b>Cytogenetics:</b>	4q13.2
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>Gene Summary:</b>	<p>Probable serine protease which may play a role in cellular senescence. Overexpression inhibits cell growth and induce G1 cell cycle arrest.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) uses an alternate in-frame splice site in the 5' coding region, compared to variant 1, resulting in a shorter protein (isoform 2), compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data because transcript sequence consistent with the reference genome assembly was not available for all regions of the RefSeq transcript. The extent of this transcript is supported by transcript alignments.</p>