

Product datasheet for **SC307457**

TMPRSS11A (NM_182606) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMPRSS11A (NM_182606) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMPRSS11A
Synonyms:	ECRG1; HATL1; HESP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC307457 representing NM_182606. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTACTATAGGGCCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGATGTATCGGACAGTGGGATTTGGCACCCGAAGCAGAAATCTGAAGCCATGGATGATTGCCGTTCTC
ATTGTGTTGTCCCTGACAGTGGTGGCAGTGACCATAGGTCTCCTGGTTCACCTTCTAGTATTTGACCAA
AAAAAGGAGTACTATCATGGCTCCTTTAAATTTTAGATCCACAATCAATAACAATTCGGACAAAAGC
AACACATATCACTTAAGGACTTACGAGAGACGCCGAAAATTTGGTGAAGTCAAGTGGATGAGATATTT
ATAGATTCAGCCTGGAAGAAAAATTATCAAGAACCAAGTAGTCAGACTGACTCCAGAGGAAGATGGT
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ATCCAAAGCATCTTAAATCAGAAGATAAGGAATTTAAGAGCCTTGCCAATAAATGCCTCATCAGTTCAA
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TTAAACGTCAACAGAATAGCATCTGGAGTCATTGCACCCAAGGCCGCTGGCCTTGGCAAGCTTCCCTT
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TGCTTCCAGAAGTATAAAAAATCCACATCAATGGACTGTTAGTTTTGGAACAAAAATCAACCTCCCTTA
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ATTGCTTCAAAAACAGGCATTAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_182606
Insert Size:	1266 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:	<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:	NM_182606.3
RefSeq Size:	2428 bp
RefSeq ORF:	1266 bp
Locus ID:	339967
UniProt ID:	Q6ZMR5
Cytogenetics:	4q13.2
Protein Families:	Druggable Genome, Transmembrane
MW:	47.5 kDa
Gene Summary:	<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 (1) represents the longer transcript and encodes the longer 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>