

## Product datasheet for **RC213343**

### **TMPRSS11F (NM\_207407) Human Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	TMPRSS11F (NM_207407) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	TMPRSS11F
Synonyms:	HATL4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>RC213343 representing NM\_207407  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGATGTACGCACCTGTTGAATTTTCAGAAGCTGAATTCTCACGAGCTGAATATCAAAGAAAGCAGCAAT  
 TTTGGGACTCAGTACGGCTAGCTCTTTTACATTAGCAATTGTAGCAATCATAGGAATTGCAATTGGTAT  
 TGTTACTCATTTTGTGTTGAGGATGATAAGTCTTTCTATTACCTTGCCTCTTTTAAAGTACAAATATC  
 AAATATAAAGAAAATTATGGCATAAGATCTTCAAGAGAGTTTATAGAAAGGAGTCATCAGATTGAAAGAA  
 TGATGTCTAGGATATTTGACATCTTCTGTAGGCGGTCGATTTATCAAATCTCATGTTATCAAATTAAG  
 TCCAGATGAACAAGGTGTGGATATTCTTATAGTGCTCATATTTGATACCCATCTACTGATAGTGCTGAA  
 CAAATCAAGAAAAAATTGAAAAGGCTTTATATCAAAGTTTGAAGACCAACAATTGTCTTTGACCTTAA  
 ACAACCATCATTTAGACTCACACCTATTGACAGCAAAAAGATGAGGAATCTTCTCAACAGTCGCTGTGG  
 AATAAGGATGACATCTTCAAACATGCCATTACCAGCATCTCTTCTACTCAAAGAATTGTCCAAGGAAGG  
 GAAACAGCTATGGAAGGGGAATGGCCATGGCAGGCCAGCCTCCAGCTCATAGGGTCAGGCCATCAGTGTG  
 GAGCCAGCCTCATCAGTAACACATGGCTGCTCACAGCAGCTCACTGCTTTTGAAAAATAAAGACCCAAC  
 TCAATGGATTGCTACTTTTGGTGAACATAACACCACCCGAGTGAAACGAAATGTGAGGAAAATTATT  
 CTTTCATGAGAATTACCATAGAGAAAATAAATAAATGACATTGCTTTGGTTCAGCTCTCTACTGGAGTTG  
 AGTTTTCAAATATAGTCCAGAGAGTTTGCCTCCAGACTCATCTATAAAGTTGCCACCTAAAACAAGTGT  
 GTTCGTACAGGATTTGGATCCATTGTAGATGATGGACCTATACAAAATACACTTCGGCAAGCCAGAGTG  
 GAAACCATAAAGCACTGATGTGTGAACAGAAAGGATGTGTATGATGGCCTGATAACTCCAGGAATGTTAT  
 GTGCTGGATTTCATGGAAGGAAAAATAGATGCATGTAAGGGAGATTCTGGTGGACCTCGGTTTTATGATAA  
 TCATGACATCTGGTACATTGTGGGTATAGTAAGTTGGGGACAATCATGTGCGCTTCCCAAAAACCTGGA  
 GTCTACACCAGAGTAACTAAGTATCGAGATTGGATTGCCTCAAAGACCGGTATG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC213343 representing NM\_207407  
 Red=Cloning site Green=Tags(s)

MMYAPVEFSEAEFSRAEYQRKQFWDVRLALFTLAIIVAIIGIAIGIVTHFVVEDDKSFYYLASFKVTNI  
 KYKENYGISSREFIERSHQIERMMSRIFRHSSVGGRIKSHVIKLSPEQGVLDLIVLIFRYPSTDSAE  
 QIKKKIEKALYQLKTKQLSLTLNKPFRLLTPIDSKMNRLLNSRCGIRMTSSNMPLPASSTQRIVQGR  
 ETAMEGEWPWQASLQLIGSGHQCGASLISNTWLLTAAHCFWKNKDPTQWIATFGATITPPAVKRNVRKII  
 LHENYHRETNDIALVQLSTGVEFSNIVQRVCLPDSSIKLPPKTSVFTVGFSGIVDDGPIQNTLRQARV  
 ETISTDVCNRKDYDGLITPGMLCAGFMEGKIDACKGDSGGPLVYDNHDIWYIVGIVSWGQSCALPKKPG  
 VYTRVTKYRDWIASKTGM

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/mk8014\\_c06.zip](https://cdn.origene.com/chromatograms/mk8014_c06.zip)

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**


**ACCN:** NM\_207407

**ORF Size:** 1314 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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.

**Note:** Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

**RefSeq:** [NM\\_207407.1](#), [NP\\_997290.1](#)

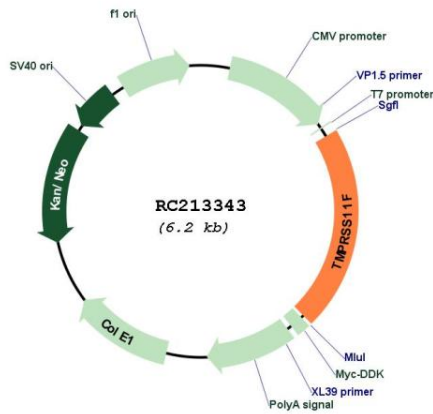
**RefSeq Size:** 2077 bp

**RefSeq ORF:** 1317 bp

**Locus ID:** 389208

UniProt ID: [Q6ZWK6](#)  
 Cytogenetics: 4q13.2  
 Protein Families: Druggable Genome, Transmembrane  
 MW: 49.2 kDa  
 Gene Summary: Probable serine protease.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for RC213343