

## Product datasheet for **RR209796**

### **Tmprss13 (NM\_001127528) Rat Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Tmprss13 (NM_001127528) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tmprss13
Synonyms:	RGD1310872
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**ORF Nucleotide Sequence:**

>RR209796 representing NM\_001127528  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGACAGAGGCAGCCACCGGAATGCTTCTCCAGCAAGGCCATCTCCTCAGGCTTCTCCAGCAGGGCAT  
 CTCTCAGGCTTCCCCAGCAAGGACACCTCCTCCTCAGGCTTCCCCAGCAAGGGCATCTCCTCCTCAGG  
 TTCTCCAGCACGGGCATCTCCAGCACGGGCATCTCCAGTCCGGGCATCTCCAGCCCGGGCACCACCTTCC  
 AGGTCATCGTCAGGCAGATCATCATCTGCCCGGTGAGCCTCCACAACATCTCCCCAACGAGAGTGTACC  
 TTGTTAGAGCAATACCAGTGGGACTGTATCCGGGCATCTCCTGCCAGGTGAGCACCAGCCACCAGGGC  
 CACCAGGGAGAGCCAGGCTCAGTTTCCCAAGTTCTCCTGGCAGGAGACCCAGAGACAGCTGCCACTC  
 ATCGGGTGTGCTCCTCCTCATCAGCCTGGTGTCTCACTCATCCTTCTTCTACTTCTGGCAGGGCC  
 ACACAGGGATCAAGTACAAAGAGCCATTGGAGAGCTGCCCAAGCATGCAGTTGCTGTGATGGAGTGGT  
 GGATTGCAAAATGAAGAGTGTAGCTGGGCTGTGTGAGTTCGACTGGGACAAGTCCCTCCTCAAAGTC  
 TACTCTGGGTCTTCTGGTGTGCTTCCCTGTCTGCAGCAGCAGTTGGAACGACACCGACTCCGAGAGGA  
 CCTGCCAGCAGCTGGGCTTTGACAGTGCCTACCGAACAAGTGGAGTGGCCATAGGGACGTCACCAGCAG  
 CTCTTACTCTCCGAATACAACCTCACCATCCAGGAAAGCCTCACCAGGTGCGAATGTCTTCCCCGGCGA  
 TACGTCTCCCTCCAGTGTGCCACTGTGGTCTGAGAGCTATGACCGGGCGGATCGTGGGAGGGGCTCTGA  
 CCTCGGAGAGCAAGTGGCCCTGGCAAGTTAGCCTGCACCTCGGCACCACCCACATCTGTGGGGGACGCT  
 CATTGATGCCAGTGGGTGCTCACCGCTGCCACTGTTTCTTGTGACCCGGGAGAAGATTCTGGAGGGG  
 TGAAGGTGTACGAGGCACCAGCAACTGCACCAGCTGCCTGAGGCTGCCTCTATCTCCAGATCATCA  
 TCAACGGCAACTACCCGATGAACAGGATGACTATGACATCGCCCTCGTGAGGCTGTCCAAGCCCTTGCA  
 CCTGTGACTCACATCCACCCTGCCTCCCTTTGCATGGGCAGACCTTCGGCCTCAATGAGACCTGT  
 TGGATCACTGGCTTTGGCAAAACCAAGGAAACAGATGAGAAGACATCTCCCTTCTCCGAGAGGTTGAG  
 TCAACCTCATCGACTTCAAGAAGTGAATGACTACTTGGTCTATGACAGTTACCTTACCCCAAGGATGAT  
 GTGTGCGGGGACCTTCGAGGAGGCAGGGACTCCTGCCAGGGAGACAGTGGAGGACCCCTCGTCTGTGAG  
 CAGAACAACCGCTGGTACCTGGCAGGAGTACCAGCTGGGGCACAGGCTGTGGCCAGAAAAACAAGCCTG  
 GGGTGTACACCAAGTGACAGAAGTACTCCCTGGATCTATAGAAAGATGGAGAGTGGGTACGTTTCCG  
 GAAATCT

**ACGCGT**ACGCGGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RR209796 representing NM\_001127528  
 Red=Cloning site Green=Tags(s)

MDRGRSHRNASPARPSPQASPARASPPQASPARTPPPQASPARASPPQASPARASPARASPVASPARAPPS  
 RSSSGRSSSARSASTTSSPTRVYLVRVRAIPVGTIVIRASPARSAPATRATRESPLSFPKFSWQETQRQLPL  
 IGCVLLLIISLVISLILLFYFWRGHTGIKYKEPLESCPKHAVRCDGVVDCKMKSDELGCVRFDWDKSLKLV  
 YSGSSGEWLPVCSSSWNTDSETRCQQLGFDSAYRTTEVAHRDVTSSFLSEYNSTIQESLTRSECPSTR  
 YVSLQCAHCGLRAMTGRIVGGALTSSEKWPQVSLHFGTTHICGGTLIDAQWVLTAAHCFVTRKILEG  
 WKVYAGTSLNLHQLPEAASISQIIINGNYTDEQDDYDIALVRLSKPLTSAHIHPACLPLHGQTFGLNETC  
 WITGFGTKETDEKTSFPLREVQVNLIDFKKNDYLVYDSYLTPRMMCAGDLRGGDRDSCQDSSGGLVCE  
 QNNRWYLAGVTSWGTGCGQKNKPGVYTKVTEVLPWIYRKMESVFRKKS

**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

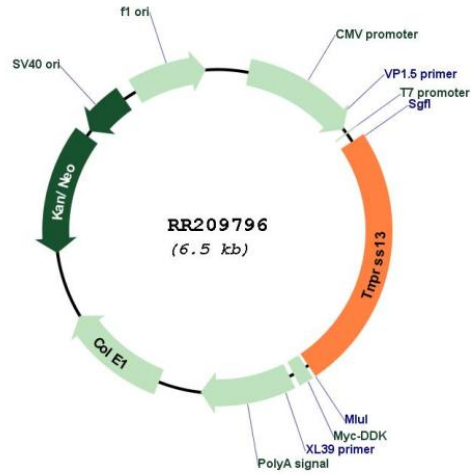
Cloning Scheme:

Cloning sites used for ORF Shutting:



\* The last codon before the Stop codon of the ORF

Plasmid Map:



<b>ACCN:</b>	NM_001127528
<b>ORF Size:</b>	1617 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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>	<a href="#">NM_001127528.1</a> , <a href="#">NP_001121000.1</a>
<b>RefSeq Size:</b>	3136 bp
<b>RefSeq ORF:</b>	1620 bp
<b>Locus ID:</b>	300682
<b>Cytogenetics:</b>	8q22
<b>MW:</b>	59.3 kDa