

Product datasheet for **RC234269**

TMPRSS13 (NM_001206790) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMPRSS13 (NM_001206790) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	TMPRSS13
Synonyms:	MSP; MSPL; MSPS; TMPRSS11
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC234269 representing NM_001206790
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGAGGGACAGCCACGGGAATGCATCTCCAGCAAGAACACCTTCAGCTGGAGCATCTCCAGCCCAGG
 CATCTCCAGCTGGGACACCTCCAGGCCGGGCATCTCCAGCCCAGGCATCTCCAGCCCAGGCATCTCCAGC
 TGGGACACCTCCGGGCCGGGCATCTCCAGCCCAGGCATCTCCAGCTGGTACACCTCCAGGCCGGGCATCT
 CCAGGCCGGGCATCTCCAGCCCAGGCATCTCCAGCCCAGGCATCTCCAGCCCAGGCATCTCCAGCCCAGG
 CATCACTTTCCAGGTCTCATCCGGCAGGTATCATCCGCCAGGTACGCTCGGTGACAACCTCCCCAAC
 CAGAGTGTACCTTGTAGAGCAACACCAGTGGGGGCTGTACCCATCCGATCATCTCTGCCAGGTACGCA
 CCAGCAACAGGGCCACCAGGGAGAGCCAGGTACGAGCCTGCCAAGTTCACCTGGCGGGAGGGCCAGA
 AGCAGCTACCGCTCATCGGGTGCCTCTCTCATTGCCCTGGTGGTTTCGCTCATCATCTCTTCCA
 GTTCTGGCAGGGCCACACAGGGATCAGGTACAAGGAGCAGAGGGAGAGCTGTCCAAGCAGCCTGTTCCG
 TGTGACGGGGTGGTGGACTGCAAGCTGAAGAGTACGAGCTGGGCTGCGTGAGGTTTGACTGGGACAAGT
 CTCTGCTTAAATCTACTCTGGGTCTCCCATCAGTGGCTTCCATCTGTAGCAGCAACTGGAATGACTC
 TACTCAGAGAAGACCTGCCAGCAGCTGGGTTTCGAGAGTGTACCCGGACAACCGAGGTTGCCACAGG
 GATTTTGGCAACAGCTTCTCAATCTTGAGATAAACTCCACCATCCAGGAAAGCCTCCACAGGTCTGAAT
 GCCCTTCCAGCGGTATATCTCTCTCCAGTGTCCCACTGCGGACTGAGGGCCATGACGGGGCGGATCGT
 GGGAGGGCGCTGGCCTCGGATAGCAAGTGGCCTTGGCAAGTGAAGTCTGCACTTCGGCACCACCCACATC
 TGTGGAGGCACGCTCATTGACGCCAGTGGGTGCTCACTGCCGCCACTGCTTCTCTGTGACCCGGGAGA
 AGGTCTGGAGGGCTGGAAGGTGTACGGGGACCAGCAACCTGCACCAAGTTCGCTGAGGCAGCCTCCAT
 TGCCGAGATCATCATCAACAGCAATTACCCGATGAGGAGGACGACTATGACATCGCCCTCATGCGGCTG
 TCCAAGCCCTGACCCTGTCCGGTGAAGGAATCTGCACTCCCGCTCTCTGCCCCCAGCCCCAGCACC
 CTCTGCAGCCCTCGCACTTGTGAGCATCTGTCAACTCATATCCGGGCCCAAGCTTCTGCAAGGCAGAA
 GTCAAAGACTCTTAAAGATCCTTACATGGAACACTTCTGTTTTATAATTAGGAAACTGAAGCCCAAGGG
 TTA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC234269 representing NM_001206790
 Red=Cloning site Green=Tags(s)

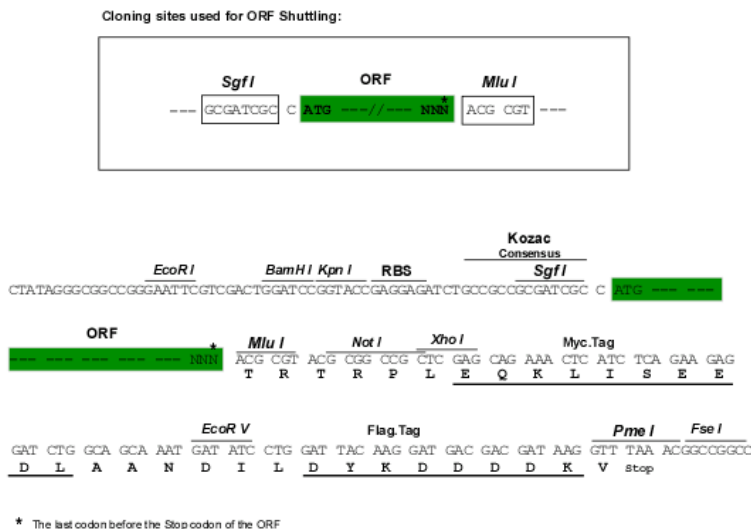
MERDSHGNASPARTPSAGASPAQASPAQAGTTPGRASPAQASPAQASPAQAGTTPGRASPAQASPAQAGTTPGRAS
 PGRASPAQASPAQASPARASPALASLSRSSGRSSSARSASVTTSPTRVYLVRATPVGAVPIRSSPARSA
 PATRATRESPGTSLPKFTWREGQKQLPLIGCVLLLIALLVSLIILFQFWQGHGTIRYKEQRESCPKHAVR
 CDGVVDCKLKSDELGCVRFDWDKSLKIIYSGSSHQWLPICSSNWNDYSEKTCQQLGFESAHRTTEVAHR
 DFANSFSLRYNSTIQESLHRSECPSQRYISLQCSHCGLRAMTGRIVGGALASDSKWPWQVSLHFGTTHI
 CGGTLIDAQWVLTAAHCFVVTREKVLGKWKVYAGTSLNLHQLPEAASIAEIIINSNYTDEEDDYDIALMRL
 SKPLTLSEGICTPRSPAPQPHPLQPSHLSASVNSYPGPKASAGQKSKTLKDPYMEHFCFIIIRETEAQQ
 L

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:



ACCN: NM_001206790

ORF Size: 1473 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.

RefSeq: [NM_001206790.1](#), [NP_001193719.1](#)

RefSeq Size: 2245 bp

RefSeq ORF: 1476 bp

Locus ID: 84000

UniProt ID: [Q9BYE2](#)

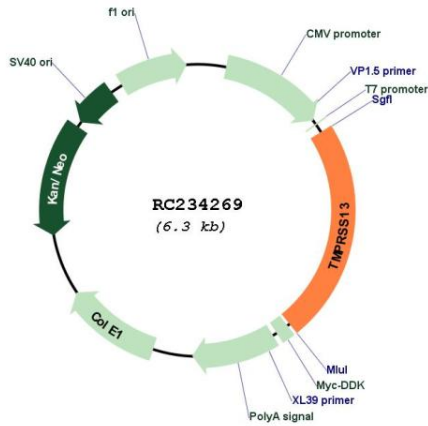
Cytogenetics: 11q23.3

Protein Families: Druggable Genome, Protease, Transmembrane

MW: 53 kDa

Gene Summary: 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]

Product images:



Circular map for RC234269