

Product datasheet for **MR215578**

Tmprss11c (NM_001030297) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmprss11c (NM_001030297) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tmprss11c
Synonyms:	Tmprss13
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR215578 representing NM_001030297
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCAAGGGGACAGCCTCGGAGGAGCGAAGAGCAATGGACAGCCTTGCAGAACAGAACAGAGTGC AAAA
 CAAAGATAAAACTCACAAGGTGTGGCAAGATTACCTGGGCATCTTAACGCGGTGCTTGGCGCAGTACT
 GATTGGACTCATTGCCTATTTGCCGCCTGTGGAAAAGACTCTTTCTACTACCATGTCAGCTTTAAGGTT
 AACAACTTACTATGACAGCAAATTTGCAAAGCCATATTCTCAGGAATACATGGACCTAAATAAAGGA
 TAGTGTCTTTGATGAATGAAACATTTTCAATCAAACAGTACGTCAAAGCTCACACTGT
 GCAAGTAAAGCAAAGCCAAAGGGAAGGTGGTGATACATGCTGTGCTGAAGTTAAAGCCTGTTATAGAAAT
 AATGTAGAAAAACTGGGAAAGCGTTGAAACCACTTTGTATCAGAACTCAAAGCCAACTGGATTAC
 TTATAGACTCTTCTCATTTAAATTTTCAGACATTGCAATGCCAATAGCAGAAGATCTTCTCAATACATG
 TTGTGGACGACGCACAATTATTCATAGAGGTACAAAAGTACAGGAGGCCAGGATGCTGAGGAAGGAGAA
 TGGCCCTGGCAAAGCCAGCCTTCAACAGAACAGTGTCCACCGATGTGGAGCTACTCTGATCAGTAACTACT
 GGCTTACTACTGCTGCTCACTGTTTCATACGGGCTGCAAACCCAAAGACTGGAAGTTAGCTTTGGGTT
 TCTTCTAAGTAAACCACAAGCACACGAGCTGTCAAGAATATTATAATCCACGAGAACTACAGTTACCTT
 GCACATGATAATGACATAGCTGTTGTGCGTCTGTCTTCGCCAGTATTGTATGAAAGCAACATCCGAAGGG
 CTTGTCTACCAGAAGCTACTCAGAAGTTCACCCCACTCAGATGTAGTGGTCACTGGGTGGGGAACGTT
 AAAATCGGATGGAGACAGTCCTAATATTCTCCAGAAAGGAAAAGTGAAGATTATAGACAATAAGACCTGT
 AATAGTGGAAAGGCATATGGTGGCATGATCACACTGGAATGATGTGTGCTGGTTCCTGAAGGGACGTG
 TTGATGCCTGCCAGGGTATTCTGGTGGACCATGGTTAGTGAAGATTCTAAGGGCATCTGGTTCCTCGC
 TGGTATTGTAAGCTGGGCGCATGAATGTCACTTCCAACAAGCCTGGTGTCTACACTCGGGTGACATAC
 TATCGAGACTGGATCACATCCAAAACCTGGTCTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR215578 representing NM_001030297
 Red=Cloning site Green=Tags(s)

MARGQPRRSEEQWTALQNRTECKTKIKLTRCGKITLGILTAVLAAVLIGLIAYFAACGKDSFYHVHVSFKV
 NNIDYDSKFAKPYSQEYMDLNKRIVSLMNETFHESKLRKQYVKAHTVQVSKAKGKVVIHAVLKFKACYRN
 NVEKYWESVETTLYQKLKGQTGLLIDSSSFKFSDIAMPIAEDLLNTCCGRRTIIHRGHKVAGGQDAEEGE
 WPWQASLQQNSVHRCGATLISNYWLITAAHCFIRAANPKDWKVSFGFLLSKPQAPRAVKNI I IHENYSYP
 AHDNDIAVVRLSSPVLYESNIRRACLPEATQKFPNSDVVVVTGWGTLKSDGDSPNILQKGKVKI IDNKTC
 NSGKAYGGMITPMMACAGFLKGRVDACQDSDGGPLVSEDSKGIWFLAGI VSWGDECALPNKPGVYTRVTY
 YRDWITSKTGL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_001030297

ORF Size: 1293 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_001030297.2](#), [NP_001025468.1](#)

RefSeq Size: 1615 bp

RefSeq ORF: 1296 bp

Locus ID: 435845

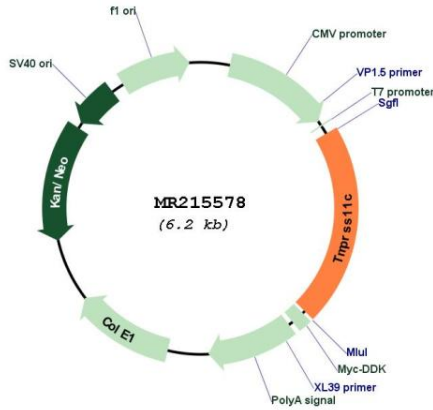
UniProt ID: [Q1JRP2](#)

Cytogenetics: 5 E1

MW: 48.5 kDa

Gene Summary: Serine protease which has a preference for Arg or Lys in position P1 and uncharged residues in positions P2 and P3. Shows specificity towards FGF2 in vitro.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR215578