

Product datasheet for **MG215578**

Tmprss11c (NM_001030297) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tmprss11c (NM_001030297) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Tmprss11c
Synonyms: Tmprss13
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG215578 representing NM_001030297
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCAAGGGGACAGCCTCGGAGGAGCGAAGAGCAATGGACAGCCTTGCAGAACAGAACAGAGTGCAAAA
CAAAGATAAACTACAAGGTGTGGCAAGATTACCCTGGGCATCTTAACGGCGGTGCTTGCGGCAGTACT
GATTGGACTCATTGCCTATTTTGGCCGCTGTGGAAAAGACTCTTCTACTACCATGTCAGCTTTAAGTT
AACACATTGACTATGACAGCAAATTTGCAAAGCCATATTCTCAGGAATACATGGACCTAAATAAAGGA
TAGTGTCTTTGATGAATGAAACATTTCAATGAACTGAGAAAACAGTACGTCAAAGCTCACACTGT
GCAAGTAAGCAAAGCCAAAGGGAAGGTGGTATACATGCTGTGCTGAAGTTAAAGCCTGTTATAGAAAT
AATGTAGAAAAATACTGGGAAAGCGTTGAAACCACTTTGTATCAGAAACTCAAAGCCAAACTGGATTAC
TTATAGACTCTTCTCATTAAATTTTCAGACATTGCAATGCCAATAGCAGAAGATCTTCTCAATACATG
TTGTGGACGACGCACAATTATTCATAGAGGTCCAAAAGTAGCAGGAGGCCAGGATGCTGAGGAAGGAGAA
TGGCCCTGGCAAGCCAGCCTTCAACAGAACAGTGTCCACCGATGTGGAGTACTCTGATCAGTAACTACT
GGCTTACTACTGCTGCTCACTGTTTCATACGGGCTGCAAAACCCAAAGACTGGAAAGTTAGCTTTGGTT
TCTTCTAAGTAACCACAAGCACACGAGCTGTCAAGAATATTATAATCCACGAGAACTACAGTTACCT
GCACATGATAATGACATAGCTGTTGTGCGTCTGTCTTCGCCAGTATTGTATGAAAGCAACATCCGAAGGG
CTTGCTACCAGAAGCTACTCAGAAGTTCCACCCAACCTCAGATGTAGTGGTCACTGGGTGGGAACGTT
AAAATCGGATGGAGACAGTCCTAATATTCTCCAGAAAAGGAAAAGTGAAGATTATAGACAATAAGACCTGT
AATAGTGGAAAGGCATATGGTGGCATGATCACACCTGGAATGATGTGTGCTGGGTTCTGAAGGGACGTG
TTGATGCCTGCCAGGTGATTCTGGTGGACCATTGGTTAGTGAAGATTCTAAGGGCATCTGGTTCTCGC
TGGTATTGTAAGCTGGGGCGATGAATGTGCACTTCCAACAAGCCTGGTGTCTACACTCGGGTGACATAC
TATCGAGACTGGATCACATCCAAAACCTGGTCTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



Protein Sequence: >MG215578 representing NM_001030297
 Red=Cloning site Green=Tags(s)

MARGQPRRSEEQWTALQNRTECKTKIKLTRCGKITLGILTAVLAAVLIGLIAFYAACGKDSFYHYHSFKV
 NNIDYDSKFAKPYSQEYMDLNKRIVSLMNETFHESKLRKQYVKAHTVQVSKAKGKVVIHAVLKFKACYRN
 NVEKYWESVETTLYQKLKGQTGLLIDSSSFKFSDIAMPIAEDLLNTCCGRRTIIHRGHKVAGGQDAEEGE
 WPWQASLQQNSVHRCGATLISNYWLITAAHCFIRAANPKDWKVSFGFLLSKPQAPRAVKNI I I HENYSYP
 AHDNDIAVVRLSSPVLYESNIRRACLPEATQKFPPNSDVVVTGWGTLKSDGSDPNILQKGGVKI IDNKTC
 NSGKAYGGMITPGMMCAGFLKGRVDACQDGGGLVSEDSKGIWFLAGIVSWGDECALPNKPGVYTRVTY
 YRDWITSKTGL

TRTRPLE - GFP Tag - V

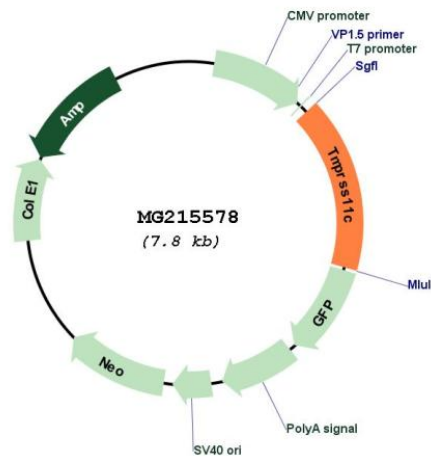
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



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:	<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_001030297.2 , NP_001025468.1
RefSeq Size:	1615 bp
RefSeq ORF:	1296 bp
Locus ID:	435845
UniProt ID:	Q1JRP2
Cytogenetics:	5 E1
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]