

Product datasheet for **MR220731**

Tmprss13 (NM_001013373) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmprss13 (NM_001013373) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tmprss13
Synonyms:	BC010843; Tpmrss13
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR220731 representing NM_001013373
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACAGAGGCAGCCACCGAATTCCTCTCCAGCAAGGACACCTCCCCAGGCTTCCCCAGCAAGGACAT
 CTCCAGCAAGGGCACCTCCTCAGGCCTCTCCAGCAAGGACACCTCCTCAGGCCTCTCCAACAAGGACACC
 TCCTCAGGCCTCTCCAGCAAGGGCACCTCCTCCTCAGGCTTCCCCAGCCGGGCATCTCCAGCCCGGCA
 TCTCTAGCCAGGGCACCACCTTCCAGGTCATCATCGGGCAGATCATCATCTGCCAGGTCAGCCTCCACGA
 CATCTCCCCAACGAGAGTGACCTTGTAGAGCAACACCAGTGGGGGCTGTCCCATCCGGGCATCTCC
 TGCCAGGTCAGCACCAGCCACCAGGGCCACCAGGGAGAGCCAGGTCAGTTTCCCCAAGTTCTCTGG
 CAGGAGACCCAGAGGCAGCTGCCACTCATCGGGTGTGTCATCTTCTCATCAGCCTGGTATCTCACTCA
 TCCTTCTCTTCTACTTCTGGAGAGGCCACACAGGGATCAAGTACAAGAGCCACTGGAGAGTTGCCCTAT
 CCACGCAGTTCGCTGTGATGGAGTGGTGGACTGCAAAATGAAGAGCGATGAGCTGGGCTGTGTCAGTTT
 GACTGGGACAAGTCCCTCCTGAAAGTCTACTCTGGGTCTTCTGGCGAGTGGCTTCTGTCTGCAGCAGCA
 GCTGGAACGACACTGACTCCAAGAGGACCTGCCAGCAGCTGGGATTTGACAGCGCTTACCGAACACTGA
 GGTAGCCACAGGGACATCACCAGCAGCTTCTTACTCTCCGAATACAACACCACCATCCAGGAAAGCCTC
 TATAGGTCGCAATGTCCTTCCCGCGGTATGTCCTCCCTCCAGTGTCCACTGTGGTTTGGAGAGCTATGA
 CCGGGCGGATCGTGGGAGGGCTCTGACCTCGGAGAGCAAGTGGCCCTGGCAAGTTAGCCTGCACCTCGG
 CACCACCACATCTGTGGGGCACACTCATCGATGCCAGTGGTGTCAACCGTGGCCACTGTTTCTTT
 GTGACCCGGGAGAAGCTGCTGGAGGGTGAAGGTGTATGCAGGCACCAGCAACTGCACCAGTGCCCG
 AGGCTGCCTCTATCTCCAGATCATCATCAACGGCAACTACACAGATGAACAGGATGACTATGACATTGC
 CCTCATCAGGCTGTCCAAGCCCTGACCTGTACGCTCACATCCACCCTGCCTGCCCTCCCATGCATGGT
 CAGACCTTCGGCCTCAATGAGACCTGTTGGATCACGGGCTTTGGCAAAACCAAGGAGACAGATGAGAAGA
 CATCTCCCTTCTCCGAGAGTTTCAAGTCAACCTCATTGACTTCAAGAAGTGAATGACTACTTGGTCTA
 TGACAGCTACCTTACCCCAAGGATGATGTGTGCCGGGATCTACGAGGAGGGAGGGACTCCTGCCAGGGA
 GACAGTGGAGGACCTCTCGTCTGTGAGCAGAACAATCGTGGTACCTGGCAGGTGTACCAGCTGGGGCA
 CAGGCTGTGGCCAGAAAACAAGCCTGGTGTGTACACAAAGTGACAGAAGTACTCCCTGGATTTACAG
 AAAGATGGAGAGTGAGGTACGATTCCGGAATCT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR220731 representing NM_001013373
 Red=Cloning site Green=Tags(s)

MDRGRSHRNSSPARTPPQASPARTSPARAPPQASPARTPPQASPTRTPPQASPARAPPQASPARASPARA
 SLARAPPSRSSGRSSARSASTTSSPTRVYLVRATPVGAVPIRASPARSAPATRATRESPLSFPKFSW
 QETQRQLPLIGCVILLISLVISLILLFYFWRGHTGIKYKEPLESCPIHAVRCDGVVDCMKMSDELGCVRF
 DWDKSLKVVYSGSSGEWLPVCSSSWNDTDSKRTCQQLGFDSAYRTTEVAHRDITSSFLSEYNTTIQESL
 YRSQCPSRRYVSLQCSHCGLRAMTGRIVGGALTSESKWPQVSLHFGTTHICGGTLIDAQWVLTAAHCF
 VTREKLLGWKVYAGTSLNHQLPEAASISQIIINGNYTDEQDDYDIALIRLSKPLTLSAHIHPACLPMHG
 QTFGLNETCWITGFGTKETDEKTSPLREVQVNLIDFKKNDYLVYDSYLTPRMMCAGDLRGGDRDSCQG
 DSGGPLVCEQNNRWYLAGVTSWGTGCGQKNKPGVYTKVTEVLPWIYRMESEVFRKS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9029_e05.zip

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001013373

ORF Size: 1644 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_001013373.2](#), [NP_001013391.2](#)

RefSeq Size: 3245 bp

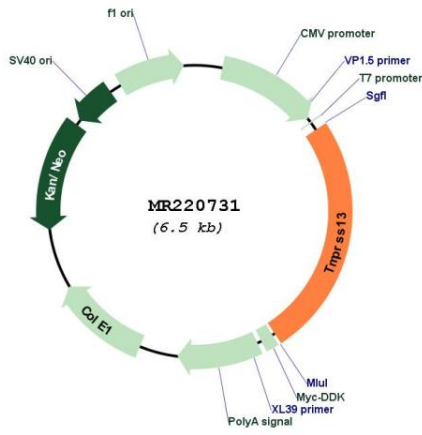
RefSeq ORF: 1647 bp

Locus ID: 214531

Cytogenetics: 9 A5.2

MW: 60.8 kDa

Product images:



Circular map for MR220731