

Product datasheet for **MG208661**

Tmprss13 (BC085323) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmprss13 (BC085323) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Tmprss13
Synonyms:	BC010843; Tpmrss13
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG208661 representing BC085323
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGACAGAGGCAGCCACCGGAATTCCTCTCCAGCAAGGACACCTCCCCAGGCTTCCCCAGCAAGGACAT
 CTCAGCAAGGGACCTCCTCAGGCCTCTCCAGCAAGGACACCTCCTCAGGCCTCTCCAGCAAGGACACC
 TCCTCAGGCCTCTCCAGCAAGGGACCTCCTCCTCAGGCTTCCCCAGCCGGGCATCTCCAGCCAGGGCA
 CCACCTTCCAGGTCATCATCGGGCAGATCATCTGCCAGGTCAGCCTCCACGACATCCTCCCCAACGA
 GAGTGTACCTTGTAGAGCAACACCAGTGGGGCTGTCCCATCCGGGCATCTCCTGCCAGGTCAGCACC
 AGCCACCAGGGCCACCAGGGAGAGCCAGGTCTCAGTTTCCCCAAGTTCTCCTGGCAGGAGACCCAGAGG
 CAGCTGCCACTCATCGGGTGTGCATCCTTCTCATCAGCCTGGTATCTCGCTCATCCTTCTTTCTACT
 TCTGGAGAGGCCACACAGGGATCAAGTACAAAGAGCCACTGGAGAGTTGCCCTATCCACGCAGTTGCTG
 TGATGGAGTGGTGGACTGCAAAATGAAGAGCGATGAGCTGGGCTGTGTCAGGTTGACTGGGACAAGTCC
 CTCTGAAAGTCTACTCTGGGTCTTCTGGCGAGTGGCTTCTGTCTGCAGCAGCAGCTGGAACGACACTG
 ACTCCAAGAGGACCTGCCAGCAGCTGGGATTTGACAGCGCTTACCGAACAACTGAGGTAGCCACAGGGA
 CATCACCAGCAGCTTCTTACTCTCCGAATAACAACACCACCATCCAGGAAAGCCTCTACAGGTCGCAATGT
 TCTTCCCGCGGTATGTCTCCCTCCAGTGTCCCACTGTGGTTTGGAGAGCTATGACCGGGCGGATCGTGG
 GAGGGGCTCTGACCTCGGAGAGCAAGTGGCCCTGGCAAGTTAGCCTGCACCTCGGCACCACCCACATCTG
 TGGGGGCACACTCATCGATGCCAGTGGGTGCTCACCGCTGCCACTGTTTTTTGTGACCCGGGAGAAG
 CTGCTAGAGGGGTGGAAGGTGTATGCAGGCACCAGCAACTGCACCAGCTGCCGAGGCTGCCTCTATCT
 CCCAGATCATCAACGGCAACTACACAGATGAACAGGATGACTATGACATTGCCCTCATCAGGCTGTC
 CAAGCCCCTGACCTGTACGCTCACATCCACCCTGCCTGCCGATGCACGGTCAGACCTTCGGCCTC
 AATGAGACCTGTTGGATCACGGGCTTTGGCAAAACCAAGGAGACAGATGAGAAGACATCTCCCTTCTCC
 GAGAGGTTCAGGTC AACCTCATTGACTTCAAGAAGTGCAATGACTACTTGGTCTATGACAGCTACCTTAC
 CCCAAGGATGATGTGTGCCGGGGTCTACGAGGAGGGAGGGACTCCTGCCAGGGAGACAGTGGAGGACCT
 CTCGTCTGTGAGCAGAACAATCGCTGGTACCTGGCAGGTGTACCAGCTGGGGCACAGGCTGTGGCCAGA
 AAAACAAGCCTGGTGTGTACACCAAAAGTACAGAAGTACTTCCCTGGACTTACAGAAAGATGGAGAGTGA
 GGTACGATTCCGAAATCT

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>MG208661 representing BC085323
 Red=Cloning site Green=Tags(s)

MDRGRSHRNSSPARTPPQASPARTSPARAPPQASPARTPPQASPARTPPQASPARAPPQASPARASPARA
 PPSRSSRGRSSARSASTTSSPTRVYLVRATPVGAVPIRASPARSAPATRATRESPLSFPKFSWQETQR
 QLPLIGCVILLISLVISLILLFYFWRGHTGIKYKEPLESCPIHAVRCDGVVDCKMKSDELGCVRFDWDKS
 LLKVYSGSSGEWLPVCSSSWNDTDSKRTCQQLGFDSAYRTTEVAHRDITSSFLLSEYNTTIQESLYRSQC
 SSRRYVSLQCSHCGLRAMTGRIVGGALTSESKWPQVSLHFGTTHICGGTLIDAQWVLTAAHCFVFTREK
 LLEGWKVYAGTSNLHQLPEAASISQIIINGNYTDEQDDYDIALIRLSKPLTLSAIHHPACLPMHQTFGL
 NETCWIITGFGKTKETDEKTSPLREVQVNLIDFKKNDYLVYDSYLTPRMMCAGGLRGRDSCQGDSSGGP
 LVCEQNNRWYLAGVTSWGTGCGQKNKPGVYTKVTEVLPWTYRKMESEVFRKS

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: BC085323

ORF Size: 1631 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: [BC085323](#), [AAH85323](#)

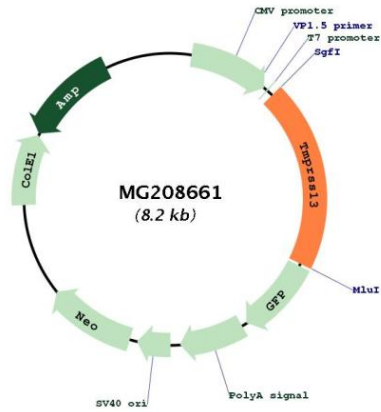
RefSeq Size: 3320 bp

RefSeq ORF: 1631 bp

Locus ID: 214531

Cytogenetics: 9 A5.2

Product images:



Circular map for MG208661