

Product datasheet for **MG207116**

Tmcc3 (BC057202) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmcc3 (BC057202) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Tmcc3
Synonyms:	MGC30586
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG207116 representing BC057202
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAATACCCCTCAGCCTACCCCTGAACATACGCCGAGGGGGATCAGACACCAACCTCAACTTCGATGTCC
 CCGATGGCATCCTGGATTTCCACAAGGTCAAACCTCAATGCGGACAGCCTGAGACAAAAAATCTTAAAGGT
 GACGGAGCAGATAAAGATCGAGCAGACGTCCCGAGATGGGAACGTTGCAGAGTATCTGAAACTGGTCAGC
 AGTGCAGACAAGCAGCAGGCTGGACGCATCAAGCAGGTCTTTGAGAAGAAAAACCAGAAGTCAGCCCACT
 CCATCGCCCAACTTCAGAAGAAGTTGGAGCAGTATCACAGAAAGCTCAGGGAGATCGAACAGAATGGCGT
 GACCAGGAGCTCAAAGGACATCTCTAAAGACAGCCTGAAGGAAATACACCACTCTCTGAAGGATGCCAC
 GTGAAATCTGAACTGCTCCCACTGCCTGGAGAGCAGTAAATCTAGCATGCCAGGGGTATCCCTCACGC
 CCCCCGTGTTGTCTTCAATAAGTCCAGAGAGTTGCCAACTTGATCCGGAATAAGTTTGGCAGTGCAGA
 TAACATTGCTCACTTGAAGAATTCCTGGAAGAGTTTCAGGCCGAAGCCAGCCCCAGGGCTTACGGCGGA
 AGCGCTACCATCGTGAACAAACCTAAGTACGGCAGCGATGACGAATGTTCTAGTGGCACATCCGGCTCAG
 CCGACAGCAATGGGAACAGTCCTTTGGGGCTGGTGGGACCAGCACCTGGACAGCCAGGGGAAGATTGC
 CAAGATCATGGAGGAAGTGAAGGAGATCAAGGTTACCCAAACCCAGCTGGCGGAAGACATCGAGGCACTG
 AAGGTGCAGTTTAAAGAGAGAATATGGCTTTATCTCTCAGACTCTGCAAGAGGAGAGATACAGGTATGAGC
 GACTTGAAGACCAGCTCCATGACCTGACAGAGCTGCACCAGCATGAGACAGCCAATCTGAAGCAGGAATT
 GGCCAGCGCTGAGGAGAAGGTGGCCTACCAGGCCTATGAGCGCTCAAGGGACATCCAGGAAGCCTTGAA
 TCTTGCCAGCCGCATCTCTAAGCTCGAGCTGCATCAGCAGGAACAGCAGACCCCTGCAGACGGATGCCG
 TGAACGCCAAGTCTCTGCTGGGAAGTGCATCAACGTGGTCTGGCCTTCATGACGGTTCATCCTGGTGTG
 TGTGTCCACCCTGGCCAAGTTTGTCTCGCCATGATGAAGAGCCGCTCCACATCCTTGGCACCTTCTTT
 GCTGTGACTCTTCTCGCCATATTCTGTAAAACTGGGACCATATCTTGTGTGCCATAGAAAGGATAATCA
 TCCCGAGA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG207116 representing BC057202
 Red=Cloning site Green=Tags(s)

MNTLSLPLNIRRGSDTNLNFVDPGILDHFHKVKNADSLRQKILKVTEQIKIEQTSRDGNVAEYLLKLV
 SADKQQAGRIKQVFEKKNQKSAHSIAQLQKKLEQYHRKLREIEQNGVTRSSKDISKDSLKEIHSLKDAH
 VKSRTAPHCLESSKSSMPGVSLTPPVFVFNKSREFANLIRNKFGSADNIAHLKNSLEEFRPEASPRAYGG
 SATIVNPKYGSDDCESSGTSGSADSNGNQSFAGGTSTLDSQGIKIMEELREIKVTQTQLAEDIEAL
 KVQFKREYGFISQTLQEERYRYERLEDQLHDLTELHQHETANLKQELASAEKVVAYQAYERSRDIQEAL
 SCQTRISKLELHQEQQLQTDVAVNAKVLLGKCINVLAFMTVILVCVSTLAKFVSPMMKSRSHILGTF
 AVTLLAIFCKNWDHILCAIERIIIPR

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: BC057202

ORF Size: 1341 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: [BC057202](#), [AAH57202](#)

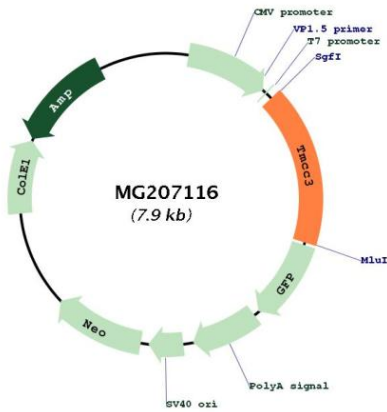
RefSeq Size: 3161 bp

RefSeq ORF: 1340 bp

Locus ID: 319880

Cytogenetics: 10 C2

Product images:



Circular map for MG207116