

Product datasheet for **MG207127**

Tmcc3 (BC026867) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmcc3 (BC026867) 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:

>MG207127 representing BC026867
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAATACCCCTCAGCCTACCCCTGAACATACGCCGAGGGGATCAGACACCAACCTCAACTTCGATGTCC
 CCGATGGCATCCTGGATTTCACAAGGTCAAACCTCAATGCGGACAGCCTGAGACAAAAATCTTAAAGGT
 GACGGAGCAGATAAAGATCGAGCAGACGTCCCGAGATGGGAACGTTGCAGAGTATCTGAACTGGTCAGC
 AGTGCAGACAAGCAGCAGGCTGGACGCATCAAGCAGGTCTTTGAGAAGAAAAACCAGAAGTCAGCCCACT
 CCATCGCCCAACTTCAGAAGAAGTTGGAGCAGTATCACAGAAAGCTCAGGGAGATCGAACAGAATGGCGT
 GACCAGGAGCTCAAAGGACATCTCTAAAGACAGCCTGAAGGAAATACACCACTCTCTGAAGGATGCCAC
 GTGAAATCTGAACTGCTCCCACTGCCTGGAGAGCAGTAAATCTAGCATGCCAGGGGTATCCCTCACGC
 CCCCCGTGTTTGTCTTCAATAAGTCCAGAGAGTTTGCCAACTTGATCCGGAATAAGTTTGGCAGTGCAGA
 TAACATTGCTCACTTGAAGAATTCCTGGAAGAGTTTCAAGCCGAGCCCAAGGGCTTACGGCGGA
 AGCGCTACCATCGTGAACAAACCTAAGTACGGCAGCGATGACGAATGTTCTAGTGGCACATCCGGCTCAG
 CAGACAGCAATGGGAACAGTCCCTTTGGGGCTGGTGGGACCAGCACCTGGACAGCCAGGGGAAGATTGC
 CAAGATCATGGAGGAAGTGAAGGAGATCAAGGTTACCCAAACCCAGCTGGCGGAAGACATTGAGGCACTG
 AAGGTGCAGTTTAAAGAGAGAATATGGCTTTATCTCTCAGACTCTGCAAGAGGAGAGATACAGGTATGAGC
 GACTTGAAGACCAGCTCCATGACCTGACAGAGCTGCACCAGCATGAGACAGCCAACCTGAAGCAGGAGTT
 GGCCAGCGCCGAGGAGAAGGTGGCTACCAGGCCTATGAGCGCTCAAGGGACATCCAGGAAGCCTTGAA
 TCTTGCCAGACCCGCATCTCTAAGCTCGAGCTGCATCAGCAGGAACAGCAGACCCCTGCAGACGGATGCCG
 TGAACGCCAAGGTCTGCTGGGGAAGTGCATCAACGTGGTTCTGGCCTTCATGACGGTCATCTGGTGTG
 TGTGTCCACCCTGGCCAAGTTTGTCTCGCCCATGATGAAGAGCCGCTCCACATCCTTGGCACCTTCTTT
 GCTGTGACTCTTCTCGCCATATTCTGTAAAACTGGGACCATATCTTGTGTGCCATAGAAAGGATAATCA
 TCCCGAGA

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

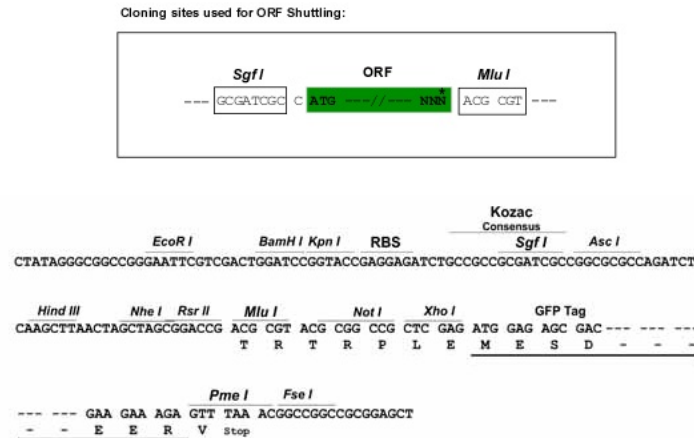
>MG207127 representing BC026867
 Red=Cloning site Green=Tags(s)

MNTLSLPLNIRRGSDTNLNFDPDGILDFHKVKNADSLRQKILKVTEQIKIEQTSRDGNVAEYKLKLV
 SADKQQAGRIKQVFEKKNQKSAHSIAQLQKKLEQYHRKLREIEQNGVTRSSKDISKDSLKEIHSLKDAH
 VKSRTAPHCLLESSKSSMPGVSLTPPVVFVNKSREFANLIRNKFGSADNIAHLKNSLEEFRPEASPRAYGG
 SATIVNPKYGSDDCESSGTSADSNGNQSFAGGTSTLDSQGIKIMEELREIKVTQTQLAEDIEAL
 KVQFKREYGFISQTLQEERYRYERLEDQLHDLTELHQHETANLKQELASAEKVAYQAYERSRDIQEALE
 SCQTRISKLELHQEQQLQTDVNAKVLLGKCINVVLAFMTVILVCVSTLAKFVSPMMKSRSHILGTF
 AVTLAIFCKNWDHILCAIERIIIPR

TRTRPLE – GFP Tag – V

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: BC026867

ORF Size: 1338 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [BC026867](#), [AAH26867](#)

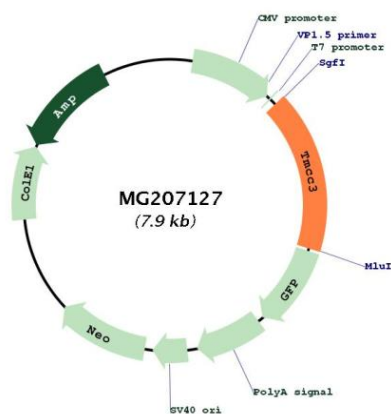
RefSeq Size: 2681 bp

RefSeq ORF: 1340 bp

Locus ID: 319880

Cytogenetics: 10 C2

Product images:



Circular map for MG207127