

Product datasheet for **MG205494**

C87414 (BC080704) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: C87414 (BC080704) Mouse Tagged ORF Clone
 Tag: TurboGFP
 Symbol: C87414
 Synonyms: MGC60750
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-AC-GFP (PS100010)
 E. coli Selection: Ampicillin (100 ug/mL)
 ORF Nucleotide Sequence: >MG205494 representing BC080704
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGTGGTCAGACCCACCCACACACTCTGCTGACACATGAAGCTTTGATCATGTTCTCTGGAGG
 AGTTGCCACTGTGGTCTTCCCAGCACTATTCAAAGAGGCCTTTGCTGGCAGACAAACCAATCTCTAAA
 GGCAATGGTGGCAGCCTGGCCTTCCCCTGTCTCCCTGTGGGTCATTGATGAAGAAGCCTAACCTAGAA
 ACCTTGAAGCCCTGCTAGATGGAATAGACATGCGACTGACAAGAGATTTACCCAGGAGGGCAAAC
 TTCAGTTCTTGACATGAGAAATATGTACCATGCCTTCTGGAACATACGGGCTGATGCAAATGACAGTGA
 CTATAAATCAAAGACATTGGATGAAAAGCAGCTAGTGAAGGTCCCTCCGAGATATGCACGGAGGCAGCGT
 CTGAAGGTCATAGTCAACCTGTCAATCAGTCCCCTTCAATAAATCAAAGGCATATTTCTGAATTGGG
 CCAAGCAGAGAATAGGATCCCTATATTTCTGCTGTATAAAGATGAAGATCTGGGACCCACAGACCAAGT
 TATCAGAGACATCTTAAATGTTTTGATCCAGAGCACATCACAGAATTAGAAGTGAATACTGACTGGACT
 CTGTTACAGCTTGCATTTTGTCCCTATTTGGGCACATGAAAAATCTTCAAAAAGTCTTCTGGCAC
 CCCTCCACAAGAATACCTCCCTATTATCAATATAACAAGTGCCACAGAAGCCAAGTGTGTTCAAAAAT
 TATTTCTCAGTTTTCCCAATCAACTGTCTCCGCATATCTTATGAAACACGTCCATTTTCTAAGAGAC
 TACATGAATCAGGTCCTAGGGTGCCTGATGACACCCCTGGAGACCCTCTCCATCACTCAATGCCTAATT
 CACAGAGAGACTTTGATTTATTTCTGCTCCCAAACCTCTTTAAATTAACATCTGGAAATAAGAGG
 GATGATCTTATATGCTTTGGATCTTATGCCTCTGAGAGGTCTCTACAAAAGTAGCAGACTCTTGAG
 ATTCTGGATTTTCAAGTGTAGGATG

ACCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG205494 representing BC080704
 Red=Cloning site Green=Tags(s)

MSGQTPPTHLLTHEALIMFSLEELPTVVFPALFKEAFGRQTNLLKAMVAAWPFPCLPVGSMLMKKPNLE
 TLQALLDGDIMRLTREFHPRRAKLQVLDMRNMYHAFWNIRADANDSDYKSKTLDEKQLVKVLPYARRQR
 LKVIVNLSISSHFNKSAYFLNWAQQRIGSLYFCCIKMKIWPPDQVIRDIFNVFDPEHITELELNTDWT
 LLQLAHFAPYFGHMKNLQKVFLAPLHKNTSPIINITSATEAKCVHKIISQFSQFNCLPHIFMKHVHFLRD
 YMNQVLGCLMTPLETLSITQCLISQRFDLFSCSQNLFKCLKHLEIRGMILYALDLMPLRGLLQKVADTLE
 ILDFQWCRM

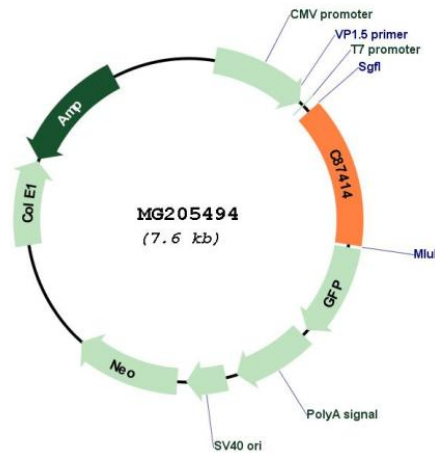
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: BC080704

ORF Size:	1079 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:	BC080704 , AAH80704
RefSeq Size:	2648 bp
RefSeq ORF:	1079 bp
Locus ID:	381654
Cytogenetics:	5 E2