

Product datasheet for **MG206345**

Got111 (NM_029674) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Got111 (NM_029674) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Got111
Synonyms:	1700083M11Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG206345 representing NM_029674 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACCAGTCTTTCTGTGTTTCAGGGATGTACCCACAGCCAGAAGCTAGAAGGCAGCTTACTAAAGATCT
ACAGGCAAGATGGCTATCCCAGCAAGTTGTTCTGGCCTACAAAGTCTGCATGACCGAAGAAGGCCATCC
CTGGGTTTCTCTGTGGTGCACAAGACCCGCTGCAGATTGCAGAGGACCCCTCTCTGGACTATGAGTAC
TTGCCCTGGTGGCCTGAAATCATTCCAGTCTTCTCTGGAAGTCTCTTTGGAAAGCACAGCGAAG
CCATTGCGGAGAAAAGGTTGGGGTGTGCACATCGTTGGTGGAGTGGAGCCTCCAGCTTGGGGCTCA
GTTCTCAAGACGTGGCGAAAGAATGTGAAAATCGTTTGTATCGTCTCATGTCAAAAAGAAGCAGTGTGGA
CTCATCTTCCAGGACATGGGCTTATAGTTTATGAGTACTCTATCTGGAACGCCAGTGATCTCTGCTCAG
ACCCAGCATGTTCTGGAAAGTACTCCAGCATATCCCGGTGGCAGCATCCTTGTGATTGGGAACATCAC
TGATTGCAAGTTCACACAGAATCAGTGGACGAACTGATGTCCATCATTAAAGAGCAAGCAGATATCCCA
TTCTTTGACATCCCTGTCAAGTTCATCCACTGGTGACCTCGAGGAAGATACAAAATCTTACAGTACT
TTGTGTCCCTAGGCTTGGAGTCTTCTGCAGCCAACTCTGTCCAAGAATTTGGCATTATGATGAAGG
AGTGGGATCCTAGTAGTGGCTGCCCTCAGCAACCAGCACCTGCTGTGTCTCTCCAGCTGATGGAT
TATGTCCAGGCCCTGTGGGAAACCCCTGCCACGGGTGCTCGGATAATCACCTCCATCCTCTGCAACC
CTGCTCTGTTTGGAGAATGGAAGCAGAGTCTCAAAGGTGTGGTGGAGAACATGATGCTGATCAAGGAGAA
AGTGAAGGAGAAGCTGCGGCTCCTAGGGACCCCTGGTGTGGGATCACATCACCCGACAGAGCGGGACC
CATGGTTATCTGGGACTCACCTATCAACAGGTGGAGTTTCTGGTCAAGAAGAAACATATCTACTTCCCCA
AACTAGCCGGATCAACTCACCTGCATCAATGCCAGGAATATAGACTACATCACTCAGAGCATCCATGA
GGCCGTGATGCTAACAGAGGGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online >](#)

Protein Sequence: >MG206345 representing NM_029674
 Red=Cloning site Green=Tags(s)

MTSLSVFRDVPTAQKLEGLSLKIIYRQDGYPSKFLAYKVCMTTEGHPWVSLVVHKTRLQIAEDPSLDYEY
 LPLVGLKSF IQSSLELLFGKHSEIAEKRVGGVHIVGSGAFQLGAQFLKTWRKNVKIVCIVSCQKEQCG
 LIFQDMGFIVYEYSIWNASDLCSDPSMFVEVLQHIPVGSILVIGNITDCKFTQNQWTKLMSIIKSKQIFP
 FFDIPCCQLSTGDLEEDTKILQYFVSLGLEFFCSQSLSKNFGIYDEGVGILVVAALSNQHLLCVLSQLMD
 YYQALWGNPPATGARIITSILCNPALFGEWKQSLKGVVENMMLIKEKVKELRLLGTPGSDHITRQSGT
 HGYLGLTYQQVEFLVKKKHIYLPKTSRINFTCINARNIDYITQSIHEAVMLTEG

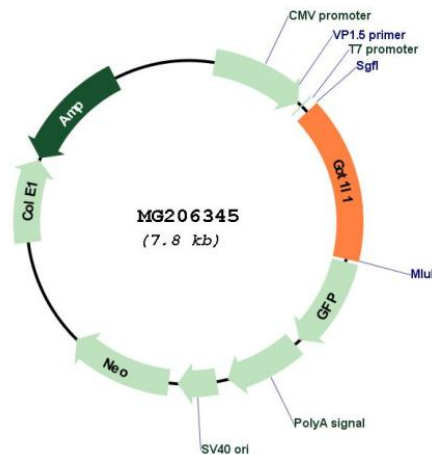
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_029674

ORF Size:	1212 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:	NM_029674.1 , NP_083950.1
RefSeq Size:	1451 bp
RefSeq ORF:	1215 bp
Locus ID:	76615
UniProt ID:	Q7TSV6
Cytogenetics:	8 A2