

Product datasheet for **MG202811**

1700007G11Rik (NM_001024614) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	1700007G11Rik (NM_001024614) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	1700007G11Rik
Synonyms:	4930428O21Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG202811 representing NM_001024614 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGATCAGGACGAGGGGCTGACGGCCGTGGACAACATTGTCACACAGTTCAACACCTATGAAGACTTCC
TGGACTCTCAGATCACTACGGTCGACCTGTACTACCTGGAGGATGAAAGCCTGGCTCGCCAGTTGGTGG
GCTAGGCTACCGAGGGACAGGAGAAATCGTGAAAAGGGAAGATTCGAAGCGAGAAAGGCAGCTATCAAT
ATTGCAAGACAGGCTGAAAGAACGCAGAAAAGACTGACAAGCGCGGGGAAGGAGCTGCATGATGATT
TCCTGAAAGCCCTGGCGATGAGGGAAGAGATAATCGTGCTGGGAACTGAGCACAGTGATCTTCATTCC
GGACAGAAATCCTCATGGGCAGGAAGTGTCAAGATATATTGATTATGCTCACAGACTAAAATCTGAAGAT
TTTGAAGTCTACTTTAATGGGAAAAGAAGACTTCTTCCAAGACCACAGACATGAGCTTTTACAAGTGGG
ACAGCCATATTGCTGTTTCAATTCAAGTCCAATTATCAAGTATTGCTGACAACCCTGAAGGCTTACT
TTTTAAATATAAGAGGGACAGAAAAATTCTCAATGTGGACCCAAAGGCTCATCCAGGTGACAACCTCACC
AGGATCCCATCCAGACGGATCTCTACGCACATGTGTTCTCTTTGACCACGTCTCCAGAAGGAAGACT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG202811 representing NM_001024614
 Red=Cloning site Green=Tags(s)

MDQDEGLTAVDNIIVTQFNTYEDFLDSQITTVLDLYLEDESLARQLVELGYRGTGEIVKREDFEARKAAIN
 IARQAERTQKKTLTSAGKELHDDFLKALAMREEDNRAGKLVSTVIFIRDRNPHGQEVSGYIDYAHRLKSED
 FEVYFNGKRRLPRTTDMSFYNWDSHIAVCNSSPNYQVIADNPEGLLFKYKRDRKILNVDPKAHPGDNST
 RIPIQTDLYAHVVLFDHVSRRKT

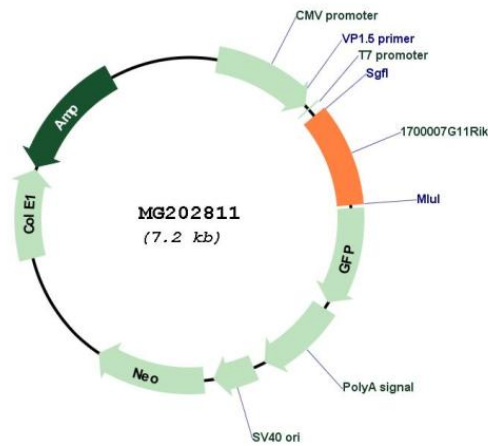
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001024614

ORF Size: 699 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_001024614.1 , NP_001019785.1
RefSeq Size:	891 bp
RefSeq ORF:	702 bp
Locus ID:	75784
UniProt ID:	Q810M1
Cytogenetics:	5 E3
Gene Summary:	May be involved in spermatogenesis.[UniProtKB/Swiss-Prot Function]