

Product datasheet for **MG206237**

Tfg (NM_019678) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tfg (NM_019678) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Tfg
Synonyms:	A1173908
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG206237 representing NM_019678 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAACGGACAGTTGGACCTAAGTGGGAAGCTGATTATCAAAGCTCAACTGGGGAAGATATCCGACGAA
TTCCCATTATAATGAAGACATTACTTACGATGAATTAGTGCTAATGATGCAGCGAGTATTCAGAGGAAA
GCTTCTGAGTAATGATGAAGTTACAATAAAGTATAAGGATGAAGATGGAGATCTTATAACAATTTTGTGAT
AGTTCTGACCTTTCCTTTGCAATTCAGTGTAGTAGAATACTGAACTGACATTATTTGTTAATGGCCAGC
CAAGACCCCTTGAATCAAGTCAGGTGAAATATCTTCGTCGAGAAGTGGTAGAACTCGAAATAAAGTGAA
TCGCTTATTGGATAGCTTAGAACCACTGGAGAACCAGGACCTTCCACCAAGTATTCTGAAAATGATACT
GTGGATGGCAGGGAAGAGAAGCCTGCCGCTTCTGACTCTTCTGGGAAACAGTCAACTCAGGTTATGGCAG
CAAGTATGTCAGCTTTTGTATCTCTGAAAAACCAAGATGAAATCAACAAAAACGTCATGTCAGCATTGG
ATTAACAGATGACCAGGTTTCAGGCCACCCAGTGCCCTACAGAAGACCGCTCCGGAACACCTGACAGC
ATTGCTTCTTCTCCTCAGCAGCACACCAGCAGTTACAGCCGAGCAACCTCCCTATGCAGGAGCTCAGA
CACAAGCAGGTCAGATTGAAGGTCAGATGTACCAGCAGTACCAGCAGCAGGCTGGCTACAGTGCCAGCA
GCCTCAGGCCCTCCTCAGCAGTATGGTGTTCAGTACTCAGCTAGTTACAGCCAGCAGACTGGACCCCAA
CAACCTCAGCAGTCCAGGGATATGGCCAACAACCAACTCCCAGGCACCGGCTCCTGCTTTTCTGGCC
AGCCACAACAACCTGCCTGCTCAACCACCACAGCAGTACCAGGCGAGCACTTACCCTCCACAACGATAAC
TACCCAACCATCTCAGCCTGCCAATACTGTTCCCTGCTCTCAGCCTGGAATGGCTCCAAGCCAA
CCTGGTGTTACCAACCAAGACCAGTTTTACGCCATCTCCTGCAAGTACCATGACCCCTCCTTCTAGTG
GGGCTAACCTTATGCTCGTAACCGTCTCCTTTTGGTCAGGGGTATGCCAACCTGGACCTGGTTATCG
A

ACGGTACGGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG206237 representing NM_019678
 Red=Cloning site Green=Tags(s)

MNGQLDL SGKLI IKAQLGEDIRRIPIHNEDITYDELVLMMQRVFRGKLLSNDEVTIKYKDEDGLITIFD
 SSDLSFAIQCSRILKLT LFNVGQPRPLESSQVKYLRRRELVELRNKVNRLDLSLEPPGEPGPST SIPENDT
 VDGREEKPAASDSSGKQSTQVMAASMSAFDPLKNQDEINKNVMSAFGLTDDQVSGPPSAPTEDRSQTGPD
 IASSSSAAHPAVQPQQPPYAGAQTQAGQIEGQMYQQYQQQAGYSAQQPQAPPQQYGVQYSASYSQQTGPQ
 QPQQFQYGVQQT SQAPAPAFSGQPQLPAQPPQYQASTYPPQTYTTQPSQPANYTVPPGSQPGMAPSQ
 PGAYQPRPGFTPSPASTMTPPSSGANPYARNRPPFGQGYAQPGPGYR

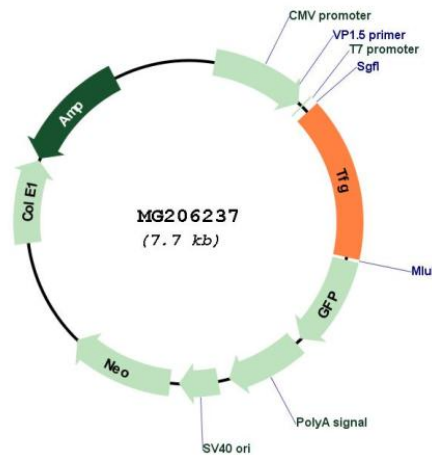
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_019678

ORF Size:	1191 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_019678.3
RefSeq Size:	1849 bp
RefSeq ORF:	1194 bp
Locus ID:	21787
Cytogenetics:	16 C1.1