

Product datasheet for **MG204614**

Fam166a (NM_026624) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam166a (NM_026624) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Fam166a
Synonyms:	4931415M17
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG204614 representing NM_026624 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACAGCTACACAGAAACACAACCTTCTCACTCCAGAACCCCACTACATCCCTGGTTATGCTGGTTTCT
ATCCTCAACTGCGCTACCAGGTGGGAAACACCTATGGCCGCACCACTGCACAGTTGCTCACAGATCCCAG
CGTACAGAAGAGCCCCTGCTCTGTTCTGTACCTATGACCAAGCCCAAGTTCATTGAGGACTTCAGCAA
TCCAAGCCACCATGGATTCCTGCAGGGACCTGAGAGAGCCTTACATCCCCCACTATAACAGTCTGAAAC
CCTACAAGAATTTGAGATCCTAGGCCAGCTCCCACGCCAGGATGTGGACACCCAGGGGCCGACACAAGT
AGAGAACAGACAGGGACCACTGACTGCAGGCTTCATGCCTTATCCACCCTACCCGGCATGCCCCAGGC
AGAAAGGGGAAGCTAGAGACCTGGGCCATCCAGGTCTACTGCTGGCATATGGGAAGAGGCTTGAAGG
ATGCAGCACCTTTCAGGATACCCAGGGAAGAACAACCAGCTATAACCACTGCAGGAGGGATGAGTACCT
GCCTCCACACCCCCACAGGAGACACTAGATGTAGGCAGATTCACACGACTGCCCCAGCTAGACCACCC
AACCTAATCCAACGCAAGGCCATCTCAGGTTATGCCGGCTTCGTCCCGGTTTGCCTGGGTAATGGGA
TGAATTACCGTGATGGTGTACACAAGCTATGGATGACTTTGACAAGAACCAGTTCGTGTTTCAGACACCC
AGTCTGTGCCCTGGGTGAAAGGCTGCCTAGGACCACTGGCCAAACACCACCATATAGAAGCCAAGGC
CTGATTCCTTTCTACATGGGCTTTATCCCATCCATGCAGGACAACCTATGCACTGACATTCGGTAACAGCA
CCGAAGAGCCTATCAGAAGGAATTGGACAGGCCAAGCCACACACTA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG204614 representing NM_026624
 Red=Cloning site Green=Tags(s)

MTATQKHNLFTPEPHYIPGYAGFYPLRYQVGNTRYGRTTAQLLTDPSVQKSPCSVLSMPTKPKFIEDFSK
 SKPPWIPCRDLREPIPHYTSCLKPYKNFEILGQLPRQVDVTQGGPPQVENRQGPLTAGFMPYPPYACPPG
 RKGEARDLGHPGLLLAYGEEAWKDAAPLQDTPGKNNQLYHCRRDEYLPHPPPQETLDVGRFQRLPQLDHP
 NLIQRKAISGYAGFVPRFAWVMGMNYRDGVTQAMDDFDKNQFVFRHPVCALGERLPRTHWPNTTIYRSQG
 LIPFYMGFIPSMQDNYALTFGNSTRRAYQKELDRRSHTL

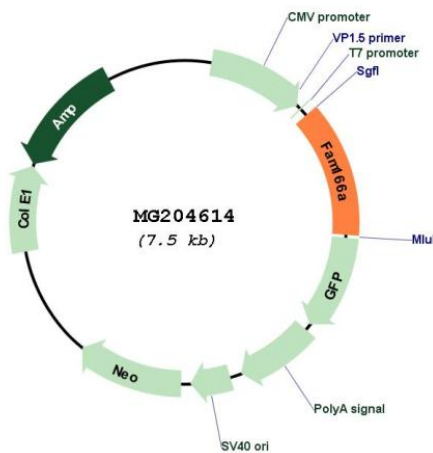
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_026624

ORF Size: 957 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_026624.3 , NP_080900.1
RefSeq Size:	1130 bp
RefSeq ORF:	960 bp
Locus ID:	68222
UniProt ID:	Q9D4K5
Cytogenetics:	2 A3