

Product datasheet for **MG202400**

Tmem179 (NM_178915) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tmem179 (NM_178915) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Tmem179
Synonyms: A1839735
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG202400 representing NM_178915
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGCTCAACAATTCCTCTTCGCGCAGTGCCTGTTACTTTCTGGCCTTCTTGTTTCAGCTTCGTGG
TGGTGGTGCCATTGTCCGAGAACGGCCACGACTTCGTGGCCGCTGCCTACTCTTACCAGGGGTATGTG
GCTGAGTGCCAACTGACGATGCAGGGGCGGAGCGCTTCACTGTGCAGGAGTGGGGCCACCGGTGCC
TGCCGCTTCAGCCTGCTCGCCAGCCTCCTGTCACTGCTGCTGGCTGCTGCGCACGCATGGCGCACGCTCT
TCTTCTCTGCAAGGGACACGAGGGCTCCTTCTTCTACGCCTTCTGAACCTCCTGGTCAGTGCCTTTGT
GGTCTTCTGGTCTTCATTGCCAGCACCATCGTGAGTGTGGGCTTACCATGTGGTGTGACACCATCACT
GAGAAGGGCTCCACCCACAGCTGCGAGGAGTTCCAGGAAACGGACTTGGAGCTGAACGTGCAACCT
CTGCCTTCTACCATCAGTTTGTATCGCCAGTTTGGACTGTGGGCTCCTGGCTGGCCTGGCTGGCGAT
CACCACCTGGCTTCTGAAGGTTATCACAACCTACCGCCAGGAGGACCTGTTGGACAGCCTGGTTAC
GAGAAGGAGCTTCTGCTAGCCAGGCCTACCTCCCGCACCTCCTCCAGGGGGAGAAGAGTGTGTATC

ACGCGTACGCGGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG202400 representing NM_178915
 Red=Cloning site Green=Tags(s)

MALNNFLFAQVCYFLAFLFSFVVVPLSENGHDFRGRCLLFTEGMWLSANLTMQGRERFTVQEWGPPAA
 CRFSLLASLLSLLAAAHAWRTLFFLCKGHEGSFFYAFNLNLLVSFAFVFLVFIASITIVSVGFMTMCDTIT
 EKGSTPHSCFEFQETDLELNVDNSAFYHQFAIAQFGLWASWLAWLAITTLAFLKVVYHNYRQEDLLDSL VH
 EKELLARPTSRTSFQGEKSAVI

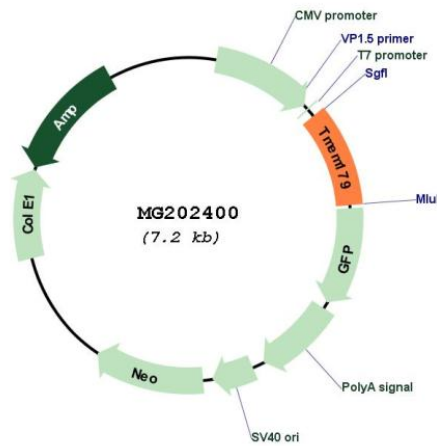
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_178915

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_178915.3 , NP_849246.2
RefSeq Size:	2373 bp
RefSeq ORF:	702 bp
Locus ID:	104885
UniProt ID:	Q8BHH9
Cytogenetics:	12 F1