

Product datasheet for **MG205799**

Tmeff2 (NM_019790) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tmeff2 (NM_019790) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Tmeff2
Synonyms: 4832418D20Rik; 7630402F16Rik; TR-2
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG205799 representing NM_019790
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTGTGTGGGAGTCCCCGGGCAGTGCAGCAGCTGGACACTTTGCGAGGGCTTCTGCTGGCTGCTGC
TGCTGCCCGTGACGCTGCTTATCATAGCCCGCCGGTAAACTCGCTGCTTTCCCTACCTCCTAAGTGA
CTGCCAAACGCCACCGGCTGGAAGTGTCCGGTACGATGACAGAGAAAATGATCTCTTCTGTGTGAC
ACCAACACCTGTAATTTGACGGGGAATGTTAAGGATTGGAGACTGTGACTTGGCTGTGCAGTTCA
AGTGTAAACAGTACTACGTGCCTGTGTGGTCCAATGGAGAGACTACCAGAATGAGTGTACCTGAG
GCAAGCTGCCTGCAAACAGCAGAGTGAGATACTTGTGGTCTCAGAAGGATCCTGTGTACAGATACAGGA
TCGGGATCTGGAGATGGAGTCCATGAAGCTCTGGCGAGACCAGTCAGAAGGAGACATCCACCTGTGACA
TTTGCCAGTTTGGGGCAGAGTGTGATGAAGATGCTGAGGATGTCTGGTGTGTGCAACATAGACTGTTC
TCAAACCAACTTCAATCCCCTCTGTGCTTCTGATGGGAAATCTTATGATAATGCATGTCAAATCAAAGAA
GCGTCATGTGAGAAACAGGAGAAAATTGAAGTCATGTCTCTGGGTCGATGTCAAGATAACACAATA
CCACTAAATCTGAAGATGGGCATTATGCAAGAACAGATTATGCAGAGAATGCTAACAAATTAGAAGAAAG
TGCCAGAGAACACCACATACCTTGCCGAGAACATTATAATGGTTTCTGCATGCATGGGAAGTGTGAACAC
TCCATCAATATGCAGGAGCCATCTTGCAGATGCGATGCTGGTTACACTGGTCAACTGTGAAAAGGAAAGG
ACTACAGTGTCTCTACGTTGTTCTGGCCCTGTCCGGTCCAGTACGTTGATTGCAGCTGTGATTGG
AACAATTCAGATTGCTGTGATCTGCGTGGTGGTCTCTGCATCACAAGGAAATGCCCCAGAGCAACAGA
ATTCACAGACAGAAGCAAATACAGGGCACTACAGTTCAGACAACACAACAGAGCATCCACACGGTTAA
TC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG205799 representing NM_019790
 Red=Cloning site Green=Tags(s)

MVLWESPRQCSSWTLCEGFCWLLLLPVTLLIIARPVKLAAPFPTSLSDCQPTPTGWNCSEYDDRENDLFLCD
 TNTCKFDGECLRIGDVTVCVQFKCNSDYVPVCGSNGESYQNECYLRQAACKQQSEILVSEGCATDTG
 SSGSDGVHEGSGETSQKETSTCDICQFGAECDEDAEDVWCVCNIDCSQTNFNPLCASDGKSYDNACQIKE
 ASCQKQEKIEVMSLGRCDQNTTTTTKSEGDGHYARTDYAENANKLEESAREHHIPCPEHYNGFCMHGKCEH
 SINMQEPSCRCADAGYTGQHCEKDYSVLYVPGPVRVFQYVYLIAAVIGTIQIAVICVVVLCITRKCPRSNR
 IHRQKQNTGHYSSDNTTRASTRLI

TRTRPLE - GFP Tag - V

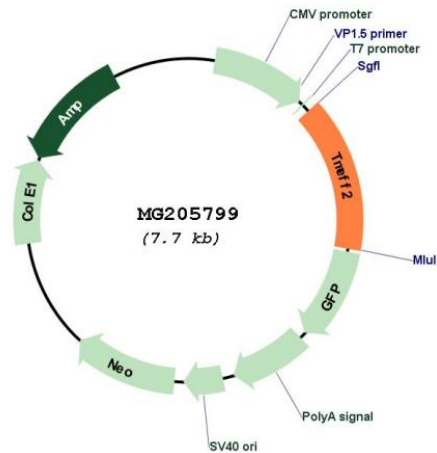
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_019790

ORF Size:	1122 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_019790.4 , NP_062764.1
RefSeq Size:	3341 bp
RefSeq ORF:	1125 bp
Locus ID:	56363
UniProt ID:	Q9QYM9
Cytogenetics:	1 C1.1
Gene Summary:	May be a survival factor for hippocampal and mesencephalic neurons. The shedded form may up-regulate cell proliferation (By similarity).[UniProtKB/Swiss-Prot Function]