

Product datasheet for **MG212985**

Triml2 (NM_001160412) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Triml2 (NM_001160412) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Triml2
Synonyms: EG622117; Tu4
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG212985 representing NM_001160412
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCCCAAGCGCCCAAGCCCCAGTTACCTGGCAACACAGAGGATCCAACTGCGGGACACACCCGGAGC
CATCGCAGTTCCTCAGTGATGATGACCAAGTCATAGTTTGCGACAAATGTTCCAGTCTCCAGAGCACAA
GCAGCATGGGGCATACGGTATCCAAGAAGCTGCTGAGTATTACAGGACGTTACTCCAGGAAACCCTGGTT
ACATTGAGGGAGAAGCGTGATGCAGCTACGAGCTTACTGGCCGAAGAGCGAGAGAGAATGGTGACAATTC
AGGAAGAAGAGCAGAGGTTAAAGAGATGATCGAGGCTGAGTATAAGATGCGATTCCAGTACTGACTGA
AGAGGAGGAACTGGCAGCTACAAAGTTGACCTGAACTTAAATGGACCTAATCCAGACCAGCTGATGAAG
TGTGGCACTGAGCTCATGCAGAAGTCCCAAGAAATGCTACAGAGACTTAGTCACCTGGGGAGAGAGAACA
TGGAAAACTGAAGGCGAGTGAAGTCCGGCTTGGTGAGCACCTGCGCAGCCTCCAGACGATGATCACGGA
CCTCGAGAAGAACTGTGGGGAATCTGCCGTTGCACTGCTCCAGAATGCAAAGTGCTATTTAAAAAGGAAT
GAGTCTACTGCTTCAGAGCCTAGAGCCAGCTCAGATAACAGACCTGAGTTTCTGCCTGATAATCGAAA
CGAGCCGTGTTCTACTGAGGCTCCAAGACATATTACTTTGGACCCAGGCACAGCTCACCCCTCCCTAGT
CTTATCCGAAGACCTGAGAAGTGTGGGATTCGAGAGACACCAAGACTGGGCCTGGCACTACAAGGAGA
TTGGATTTGAGGCTTCTGTGTTGGTGCAGAGAGCTTACCACGGGGAGGCATTTGGGAGGTGGCTG
TGGGACAGGCAACCAATGGCAGGTGGGCATATGTGACTGTACAGAGAGAAAGGACAACATTCCTCGGGC
TTCTGGAGATAAAGTCTTCTGCTCATGGGGTCCATGATGGGGACCGATTGTACCCTCTGGGTCTTCCCCCT
TTAAGAAAGGTCTGTCTGAGAAACCAAATGTACAAAGTTGGAGTCTTCTAGACTGTGAATGTGGCAAG
TATCCTTCTACAATGTGACAGAGCAGTCCCTCATTACAGTTTCTCTGACCTTACCTCCGAGGAGCGAT
TAAACCAATATTTCTCTTTGTATTCCAATGGAGACATGAGTTCAGACTCTCTCACTGTCTGTCTTCTC
CAGACTCATCCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG212985 representing NM_001160412
 Red=Cloning site Green=Tags(s)

MSQAPKPQLPGNTEDPNCGTHPEPSQFFSDDDQVIVCSKCFQSPEHKQHAYGIQEAAEYRLLQETLV
 TLREKRDAATSLLAEEEREMVTIQEEEQRFKEMIEAEYKMRFQLL TEEELAAAYKVDLNLGNPNPDLMK
 CGTELMQK SQEMLQRLSHL GRENMEK LKASEVRLGEHLRSLQ TMI TDLEKNCGESAVALLQNAKCYLKRN
 ESILLQSLEPAQI TDL SFCLII IETS RVLLRLQRHITLDPGTAHPSLV LSEDLRSVGFRETPKTGP GTTRR
 LDF SASVLGAESFTTGRHYWEVAVGQATQWQVGI CDCTERKDNIPGASGDKVLLMGSMGTDCTLLWVFP
 LRVCLRNQMYKVG VFLDCECGQVSYFNVTEQSLIYSFSDL TFRGAIKPIFSLCIPNGDMSSDSLTVCLP
 QTHP

TRTRPLE - GFP Tag - V

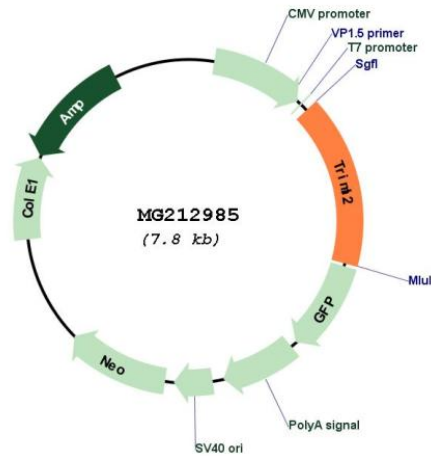
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_001160412

ORF Size:	1272 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_001160412.2
RefSeq Size:	1483 bp
RefSeq ORF:	1275 bp
Locus ID:	622117
Cytogenetics:	8 A4