

## Product datasheet for **MR212985**

### Triml2 (NM\_001160412) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Triml2 (NM_001160412) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Triml2
Synonyms:	EG622117; Tu4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>MR212985 representing NM\_001160412  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGTCCCAAGCGCCCAAGCCCCAGTTACCTGGCAACACAGAGGATCCAACTGCGGGACACACCCGGAGC  
 CATCGCAGTTCTTCAGTGATGATGACCAAGTCATAGTTTGCAGCAAATGTTTCCAGTCTCCAGAGCACAA  
 GCAGCATGGGGCATAACGGTATCCAAGAAGCTGCTGAGTATTACAGGACGTTACTCCAGGAAACCCTGGTT  
 ACATTGAGGGAGAAGCGTGATGCAGCTACGAGCTTACTGGCCGAAGAGCGAGAGAGAATGGTGACAATTC  
 AGGAAGAAGAGCAGAGGTTAAAGAGATGATCGAGGCTGAGTAAAGATGCGATTCCAGTTACTGACTGA  
 AGAGGAGAACTGGCAGCCTACAAAGTTGACCTGAACTTAAATGGACCTAATCCAGACCAGCTGATGAAG  
 TGTGGCACTGAGCTCATGCAGAAGTCCCAAGAAATGCTACAGAGACTTAGTCACCTGGGGAGAGAGAACA  
 TGGAAAACTGAAGGCGAGTGAAGTCCGGCTTGGTGAGCACCTGCGCAGCCTCCAGACGATGATCACGGA  
 CCTCGAGAAGAACTGTGGGAATCTGCCGTTGCACTGCTCCAGAATGCAAAGTGCTATTTAAAAAGGAAT  
 GAGTCTATACTGCTTCAGAGCCTAGAGCCAGCTCAGATAACAGACCTGAGTTTCTGCCTGATAATCGAAA  
 CGAGCCGTGTTCTACTGAGGCTCCAAGACATATTACTTTGGACCCAGGCACAGCTCACCCCTCCCTAGT  
 CTTATCCGAAGACCTGAGAAGTGTGGGATTCGAGAGACACCAAAGACTGGGCTGGCACTACAAGGAGA  
 TTGGATTTTCAGCGCTTCTGTGTTGGGTGCAGAGAGCTTACCACGGGGAGGCATTATTGGGAGGTGGCTG  
 TGGGACAGGCAACCCAATGGCAGGTGGGCATATGTGACTGTACAGAGAGAAAGGACAACATTTCCCGGGC  
 TTCTGGAGATAAAGTCTTGCTCATGGGGTCCATGATGGGACCGATTGTACCCTCTGGGTCTTTCCCCT  
 TTAAGAAAGGTCTGTCTGAGAAACCAATGTACAAAGTTGGAGTCTTCTAGACTGTGAATGTGGGCAAG  
 TATCCTTCTACAATGTGACAGAGCAGTCCCTCATTACAGTTTCTCTGACCTTACCTTCCGAGGAGCGAT  
 TAAACCAATATTTCTCTTTGTATTCCAATGGAGACATGAGTTACAGACTCTCTACTGTCTGTCTTCT  
 CAGACTCATCCC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR212985 representing NM\_001160412  
 Red=Cloning site Green=Tags(s)

MSQAPKPQLPGNTEDPNCGTHPEPSQFFSDDDQVIVCSKCFQSPHKKQHGAYGIQEAAEYRLLQETLV  
 TLREKRDAATSLLAEEEREMVTIQEEERFKEMIEAEYKMRQQLTEEEELAAYKVDLNLGNPNPDQMK  
 CGTELMQKSQEMLRQLSHLGRNMEKLGKASEVRLGEHLRSLQTMITDLEKNCGESAVALLQNAKCYLKRN  
 ESILLQSLPAQITDLSFCLIIETSRVLLRLQRHITLDPGTAHPSLVLSEDLRSVGFRETPKTPGTTTRR  
 LDFSASVLAGAESFTTGRHYWEVAVGQATQWQVIGCDCTERKDNIPGASGDKVLLMGSMGTDCTLVWFPP  
 LRKVCLRNQMYKVGFLDCECGQVSFYNVTEQSLIYSFSDLTFRGAIKPIFSLCIPNGDMSSDSLTVCLP  
 QTHP

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/mm9073\\_a08.zip](https://cdn.origene.com/chromatograms/mm9073_a08.zip)

**Restriction Sites:**

Sgfl-Mlul

**Cloning Scheme:**


**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:**

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

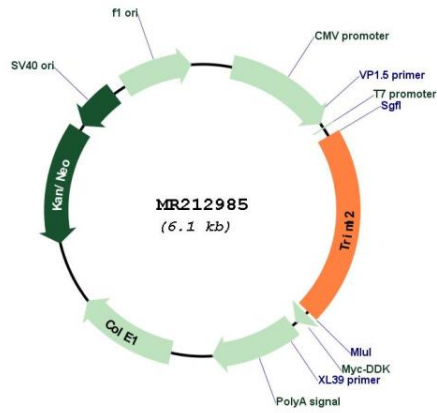
**RefSeq ORF:** 1275 bp

**Locus ID:** 622117

**Cytogenetics:** 8 A4

**MW:** 47.8 kDa

Product images:



Circular map for MR212985