

## Product datasheet for **MC216569**

### Triml1 (NM\_177742) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Triml1 (NM_177742) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Triml1
Synonyms:	4933403D14; BC050188
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC216569 representing NM\_177742  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTCCAACCATGAGAAAATGTCCACAACAGATTTGATGGAGAACCTCAGGAAGAGCTGACCTGTTTCA  
 TCTGCTTGGATTATTTACGACAGTCCAGTGACCACCGAGTGTGGCACAGCTTTTGTCTGATGTGCCTCCT  
 CAAGAGTTGGGAGGAGCACAACACACCTTTATCTTGTCTGAATGCTGGAGGACTTTGGGAGCCCCACAT  
 TTTCAAGCCAACGAGCGGCTGGGAGACTGGCTAATATTGGCAGACAGCTGAGATCGCAGGTGCTGCAGA  
 GCGAGGATGAGCAGAGCATCTGTGGGAGAATGCCAGGGCCTAGTTGGGTGTTCTCTGACGATGAGCAGAG  
 TGTCAATTAATGTCTCACCTCCAAGTCAAGGGACGAACAAGGCGTGTCTCAAGTGAAGGCTGAGGAGCAG  
 CACAAAGAAAACTCCAAGATATCATAAATATTTACGGAAAAAGAAGAAGGAAGTTCAGGCCATCTGGA  
 ACCATGAGAAGGAACGAGTGATGTTGTGTAAGGAGGAGACAAAGACTTGAAGCAGGTCGTTGTGTCTGA  
 ATACATGAAGATGCACCGATTCCCTCAAGGAAGAGGAACAGCTCCAGCTCCAGCTCCTGGAGAGGGAGGAG  
 AAGGCCAACATGAAGAAGCTGAGGGAAAATGAGATCCAGCTGACCAGCAAAATCCGCCGCCTCGGCAAAA  
 TGATTGGCGGATTGAGTCTACCTGTGAGAACTTGACGTTAGAATCTTTTGGGAAGTCAAAGGAGCCAT  
 GGATCCGTATGAGTCCCTGTTGTTTCACTCTCCAGAGACCACCATCACGGAAGTGAAGCTGTGTCACATC  
 ACTGGGATGAGGGAGATGCTGCGAAAAATTCAGCACAGATATAACTCTAGATCCAGCCACAGCCAATGCTT  
 ACCTGCTTTTGTCCGAAGATCTGAAAAGTGTGCGGTATGGAGGGACCAGGCAGCAATTACCTGACAAACC  
 AGAGCGATTTGATCAGTCTGCAACTGTGTTGGGAGCTCAGATCTTCACTGCGGGAGACACTACTGGGAA  
 GTGGAAGTGGGAAAGAAGACGGAGTGGGAAGTGGGATCTGCAAGGACTCTGTGAACAGAAAGGGGAATC  
 TCCCAAAACCGCCGGGACCTTCTCACTCATAGGCTTAAAAATGGCGACGATTACAGTCTCTGGGT  
 TTCATCTCCCCTGAAAGGGCAACATGTCGAGAACCCGTGCATAAAGTTGGTGTGTTCTTGACTATGAC  
 TCTGGACACATAGCCTTCTACAATGCGACAGATGAGTCCCTCATCTACAGCTTCCCTCCGACCCCTTTCC  
 ATGAAGCTCTCAGACCTATCTTTCCCCTGTCTCCGAATGAGGGGACGAATACAGACCCTTATCAT  
 CTGCCACAT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_177742
- Insert Size:** 1413 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- 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\_177742.4, NP\_808410.1

RefSeq Size: 1850 bp

RefSeq ORF: 1413 bp

Locus ID: 244448

UniProt ID: Q8BVP1

Cytogenetics: 8 A4

Gene Summary: Probable E3 ubiquitin-protein ligase which plays an important role in blastocyst development. Involved in progression of blastocyst stage and subsequent embryo development. [UniProtKB/Swiss-Prot Function]