

## Product datasheet for **RR216651**

### Triml2 (NM\_001191690) Rat Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Triml2 (NM\_001191690) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Triml2  
**Synonyms:** RGD1565382  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR216651 representing NM\_001191690  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGTCCCAAGTGCCCAAGCCCCTTACCATGCAGCATCACAGAGGAGCCACACTGTGGGACACACCCGG  
 AACCATCGCAGCTCTTCAGTGACGAGGACCAAATCATAATTTCCAGCAAATGTTTCCAATCACCAGAGCA  
 CAAGCGCATGAGGCATGTGGTATCCAAGAATCTGCTGAGTATTATAGGAAGTTATCCAGGAAACCTG  
 GTTACACTGAAGGAGAAGCTTGAAGCAGCTGCATGCTTATTGGCTGAAGAGCGAGAGAGAATGGTGACAA  
 TTCAGGAAGAGGAACAGAGCTTTAAAGAGATGATCGAGGCCGAGTATAAGATGATATCCAGTTACTGAC  
 TGAAGGGAAGAAAGCGCCATTTCAAGCCAGCCAGGCTGCAAAATTTGACCTGAACTTAAACGGGCCTAAC  
 CAGAACCAGCTGATGACGTTTGGCACTGAGCTCATGCAGAAGTCTCAAAAAATGCTACAGAGACTTAGCC  
 ACCTGGGAGCGAGAACATGGGCAAACTGAAGGCGAGCGAAGCCTGGCTTTCTGAGCACCTCTGCAGCCT  
 CCAGAAGATCATCACAGACCTAGAGCGGAAGTGTGGAGAATCTGCCGTTGCACTGCTCCAGAATGCAGAG  
 TGCTATTTAAAAAGGAGTGAGTCTATACTGCTTCAGAGCCTAGAGCCAGCTCAGATAACAGACCTGAGTG  
 CATGCCGATAAATCGGGACAAGCAATGTTCTCCTGAGGCTCCAAAGACATATTACTCTGGACCCAGACAC  
 AGCTCACCCCTCCCTAGTCGTATCTGAAGACCTGAGACATGTGGCATTCCGAGACACACCAAAAACTGGG  
 CCTGACACTCCAAGGAGATTCGACTTCAGCGCTTCAAGTGTGGGTGCGGAGAGCTTCGACTCAGGGAGGC  
 ATTAAGTGGGAAGTGGCTGTGGGCCAGGCGACCCAGTGGCAGGTGGGGATATGTGACTGTACAGAAAGAAC  
 GAACAGCATTCTGGGACTTCCGGAGATAAAGTCTTGCTCATGGGGTCCCTGATGGGGGCTGATTGTACC  
 CTCTGGGTCTTTCCCTTTAAGAAAGTCTGGCTGAGAAAGCAAATGTACAAAGTTGGAGTCTTCTCTG  
 ACTGTGAATGTGGCAAGTATCATTCTACAATGTGACAGAGCAATCCCTCATTTACAGTTTCTCTGCCCT  
 CACCTTCCGAGGAGCGGTTAAACCAATATTTCTTTGTATTACAAATGGAGACAGGAGTTCAGACTCT  
 CTCCTGTCTGTCCCTCAGACTCATCC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



**Protein Sequence:** >RR216651 representing NM\_001191690  
 Red=Cloning site Green=Tags(s)

MSQVPKPHLPCSITEEPHCGTHPEPSQLFSDDEQIIISSKCFQSPHKRHEACGIQESAEYYRKL FQETL  
 VTLKEKLEAAACLLAEERERMVTIQEEEQSFKEMIEAEYKMI FQLLTEGKKAPFSSQPGCKFDLNLNGPN  
 QNQLMTFGTELMQKSQKMLQRLSHLGSENMGKLGKASEAWLSEHLCSLQKIITDLERNCGESAVALLNQAE  
 CYLKRSEIILLQSLEPAQITDL SACRIIGTSNVLLRLQRHITLDPDTAHPSLVSVSEDLRHVAFRDTPKTG  
 PDTPRRFDF SASVLGAESFDSGRHYWEVAVGQATQWQVGCDC TERTNSIPGTS GDKVLLMGSLMGADCT  
 LWVFPPLRKVWLRKQMYKVG VFLDCECGQVSFYNVTEQSLIYSF SAL TFRGAVKPIFSLCITNGDRSSDS  
 LTVCPPTHP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

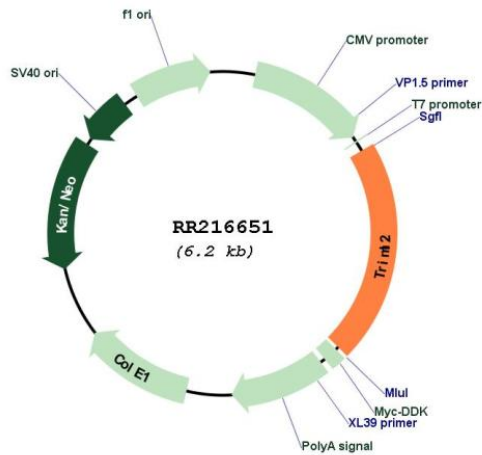
**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001191690

<b>ORF Size:</b>	1290 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001191690.1</a> , <a href="#">NP_001178619.1</a>
<b>RefSeq Size:</b>	1293 bp
<b>RefSeq ORF:</b>	1293 bp
<b>Locus ID:</b>	290766
<b>Cytogenetics:</b>	16q12.1
<b>MW:</b>	48.3 kDa