

## Product datasheet for **RC238372**

### TRIML2 (NM\_001303419) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TRIML2 (NM_001303419) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	TRIML2
Synonyms:	SPRYD6
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**ORF Nucleotide Sequence:**

>RC238372 representing NM\_001303419  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGTCCAAAAGGCTCAGCCCTCAGTTACAGCACAAATCACAGAAGATGCCTATTGTGAAACACACCTGG  
 AACCAACACGGCTGTTCTGTGATGTTGACCAAATCACACTCTGCAGCAAATGCTTCCAGTCCCAGGAGCA  
 CAAACATCACATGGTGTGTGGGATACAAGAGGCTGCTGAGAATTACAGGAAGTTATTCCAGGAAATATTG  
 AACACATCGAGGGAGAACTTGAAGCAGCTAAAAGCATATTGACTGATGAGCAAGAAAGAATGGCGATGA  
 TTCAGGAAGAGGAACAAAATTTTAAAAAGATGATTGAGTCTGAGTATAGTATGAGACTCCGGTTGTTGAA  
 TGAAGAGTGTGAGCAGAATCTCCAGAGACAGCAGGAATGCATATCTGACTTGAACCTGAGAGAAACCCTT  
 CTGAATCAAGCGATCAAGCTTGCCACCGAGCTAGAGGAGATGTTCCAGGAAATGTACAGAGACTGGGCC  
 GTGTGGGAGAGAGAATGGAGAACTGAAGGAGAGTGAAGCCAGGGCTTCTGAACAGGTCGCCAGCCT  
 CCTAAAGCTCATCGTGGAGCTTGAGAAAAGTGTGGGAAAGGCACCTTGGCATTGCTCAAGTGCCTTGAT  
 CTTGAAATTCGGCTCCAGAATGCGAGAAATGAATTTCTGCTGTGCAGAAGCTACTCAGTCTATGAATG  
 CAAAATACTCTTTAGAAAGGAGCAAGTCACTGCTGCTTGAGCATCTGGAGCCCGCTCATATCACAGACCT  
 GAGTTTATGCCACATAAGAGGACTCAGCAGCATGTTTCCAGAGTACTCCAGAGACATTTAACATTGGATCCT  
 GAAACAGCTCATCCCTGCCTGGCACTATCTGAGGACCTGAGAATATGAGATTGAGACATGGGCAGCAGG  
 ATGGGGCTGGCAACCCAGAAAGATTGGATTTTCAAGTCCATGGTGTGGCTGCGGAGAGCTTACCTCAGG  
 GAGGCACTACTGGGAGGTGGACGTGGAAAAGGCAACAGGTGGCAAGTGGGCATATACCACGGCTCTGCA  
 GACGCGAAGGGCAGCACGGCCAGAGCTTCCGGAGAGAAAGTCTTGCTCACGGGGTCCGTGATGGGACCG  
 AGTGGACTCTCTGGGCTTCCCCCTCTGAAAAGGCTTCTCTGAAAAGAAGTTGGACACAGTTGGCGCT  
 TTTCTTGACTGCGAACACGGGCAGATATCATTCTACAATGTGACCGAGATGTCCCTCATTTACAATTTT  
 TCCATTGCGCCTTCCAAGGAGCTCTCAGGCTGTGTTTTCCCTCTGTATCCCAAATGGAGACACAAGTC  
 CAGACTCCCTACCATCTTACAACATGGTCTTCTGTGATGCTACTGTTAGCCCT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC238372 representing NM\_001303419  
 Red=Cloning site Green=Tags(s)

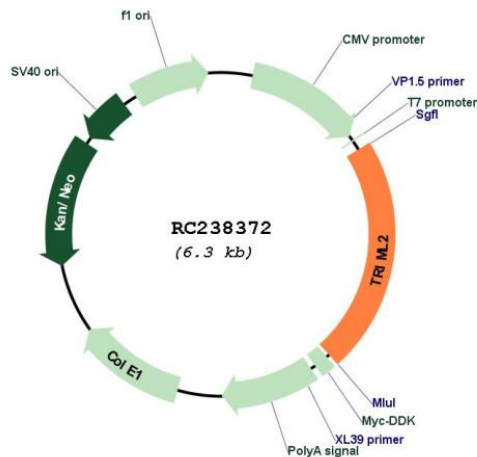
MSKRLSPQLQHNITEDAYCETHLEPTRLFCDVDQITLCSKCFQSQEHKHHMVCGIQEAAENYRKLQFQEIL  
 NTSREKLEAAKSILTDEQERMAMIQEEEQNFKKMIESEYSMRLRLLNEECEQNLQRQEQECISDLNLRTEL  
 LNQAIKLATELEEMFQEMLQRLGRVGRNMEKLKESEARASEQVRSLLKLIVELEKKCGEGTLALLKCLD  
 LEIRPPELREMNFCFAEATQSMNAKYSLERSKLLLEHLEPAHITDLSLCHIRGLSSMFRVLQRHLTLDP  
 ETAHPCLALSEDLRMRLRHGQQDGAGNPERLDFSAMVLAESFTSGRHYWEVDVEKATRWQVGIYHGSA  
 DAKGSTARASGEKVVLLTGSVMGTEWTLWVFPPLKRLFLEKKLDTVGVFLDCEHGQISFYNVTEMSLIYNF  
 SHCAFQALRPVFLCIPNGDTSPDSLILQHGPSCDATVSP

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**

**Plasmid Map:**


**ACCN:** NM\_001303419

**ORF Size:** 1386 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).

<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>	<u><a href="#">NM_001303419.1</a></u> , <u><a href="#">NP_001290348.1</a></u>
<b>RefSeq Size:</b>	1716 bp
<b>RefSeq ORF:</b>	1389 bp
<b>Locus ID:</b>	205860
<b>UniProt ID:</b>	<u><a href="#">Q8N7C3</a></u>
<b>Cytogenetics:</b>	4q35.2
<b>Protein Families:</b>	Druggable Genome
<b>MW:</b>	53.2 kDa
<b>Gene Summary:</b>	This gene encodes a member of the tri-partite motif (TRIM) family of proteins. This protein may be regulated by the tumor suppressor p53 and may regulate p53 through the enhancement of p53 SUMOylation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2014]