

## Product datasheet for **SC100639**

### TIPRL (NM\_152902) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TIPRL (NM_152902) Human Untagged Clone
Tag:	Tag Free
Symbol:	TIPRL
Synonyms:	TIP; TIP41; TIPRL1
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC100639 sequence for NM_152902 edited (data generated by NextGen Sequencing)

```
ATGATGATCCACGGCTTCCAGAGCAGCCACCGGGATTTCTGCTTCGGGCCCTGGAAGCTG
ACGGCGTCCAAGACCCACATCATGAAGTCGGCGGATGTGGAGAAAATTAGCCGATGAATTA
CATATGCCATCTCTCCCTGAAATGATGTTTGGAGACAACGTTTTAAGAATCCAGCATGGG
TCTGGCTTTGGAATTGAGTTCAATGCTACAGATGCGTTAAGATGTGTAACAACACTACAA
GGAATGCTTAAAGTGGCCTGTGCTGAAGAGTGGCAAGAAAGCAGGACGGAGGGTGAACAC
TCCAAAGAGGTTATTAACCATATGATTGGACCTATAACAGATTATAAGGGAACCTTA
CTTGGAGAATCTCTTAAGTTAAAGGTTGTACCTACAACAGATCATATAGATACAGAAAAA
TTGAAAGCCAGAGAACAGATTAAGTTTTTTGAAGAAGTTCTCCTTTTTGAGGATGAACTT
CATGATCATGGAGTTTCAAGCCTGAGTGTGAAGATTAGAGTAATGCCTTCTAGCTTTTTTC
CTGCTGTTGCGGTTTTTCTTGAGAATTGATGGGGTGCTTATCAGAATGAATGACACGAGA
CTTTACCATGAGGCTGACAAGACCTACATGTTACGAGAATATACGTCACGAGAAAAGCAAA
ATTTCTAGTTTGCATGTTCCACCTTCCCTTTCACGGAACCTAATGAAATATCCCAG
TATTTACCAATAAAGGAAGCAGTTTGTGAGAAGCTAATATTTCCAGAAAGAATTGATCCT
AACCCAGCAGACTCACAAAAAGTACACAAGTGAATAA
```

Clone variation with respect to NM\_152902.3



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**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_152902 unedited  
 TTTTGTAAACGACTCACTATAGGGCGGCCGCAATTCGGCACGAGGCGGAGGGAGGCGG  
 AGGAACCGGTGTTTCGCCGCCGCCGCTGCTTACGCTTATTCCTTGTGGCCTCTGCGGGTCC  
 TGCCTCAGCCATGATGATCCACGGCTTCCAGAGCAGCCACCGGGATTTCTGCTTCGGGCC  
 CTGGAAGCTGACGGCGTCCAAGACCCACATCATGAAGTCGGCGGATGTGGAGAAATTAGC  
 CGATGAATTACATATGCCATCTCTCCCTGAAATGATGTTTGGAGACAACGTTTTAAGAAT  
 CCAGCATGGGTCTGGCTTTGGAATTGAGTTCATGCTACAGATGCGTTAAGATGTGTAAA  
 CAACTACCAAGGAATGCTTAAAGTGGCCTGTGCTGAAGAGTGGCAAGAAAGCAGGACGGA  
 GGGTGAACACTCCAAAGAGGTTATTAACCATATGATTGGACCTATACAACAGATTATAA  
 GGGAACCTTACTTGGAGAATCTCTTAAGTTAAAGTTGTACCTACAACAGATCATATAGA  
 TACAGAAAAATTGAAAGCCAGAGAACAGATTAAGTTTTTTGAAGAAGTTCTCCTTTTTGA  
 GGTGAACCTCATGATCATGGAGTTTCAAGCCTGAGTGTGAAGATTAGAGTAATGCCTTC  
 TAGCTTTTTCTGCTGTTGCGGTTTTCTTGAGAATTGATGGNGTGCTTATCAGAATGAA  
 TGACACGAGACTNTACCATGAGGCTGANCAGACCTACATGTTACGAGAATATACGTCACG  
 AGAAAGCAAAATTTCTAGTTTGATGCATGTTNCCACCTTCCCCTCTCACGGAACCCTATG  
 AAATATCCAGTATTTACCATAAAGGAAGCAGTTNGTGAGAAGCTAA

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_152902 unedited  
 ACTATGGACCCGCGGCCCAATCTAGGATCGAGTTTTTTTTTTTTTTTTTATCAGTAAT  
 TCCTTATTGTTTATTCTCCTCTTACAAAAAGAAGTTGGGACAAAATAAATACAAAATGGCA  
 TATATCATATTTAGCAATGGGCAAATACACATTTTCTTGGTATTCTCCACAAGAATAAAC  
 TAATAAAATTTTTCAGAGGCATACTCTTCTACCCATCTCTTACCCTCTAAAAAAGG  
 GCAATTATTTAATTCCTGTAATTTTTAACAAATGAATTTCTAAAATAAGTAATCTAGGA  
 CTATTCAGGGACCAAGACATCTGAATCAACAAGTTAAAAAAGTCTGTATACACAC  
 ACACACACACACACACACACACACACACACACACACGATGTTGCCCAGAAGCTCCAAATTA  
 ATGAAGAGTCTTAAAAGTTTTTCATTTTATATAGTTTGCATGAATAGAGCCTGTTCTATT  
 CTAATCTCAATGGCAAATAATATAAAACAGAAAGCTGAACACAACATGTGTGTGTGTGTG  
 TGTGTGTGTGTGTCTACTTTTCTGTCCTAAGAGAAAACATTAATAACAGGTATATTTAAT  
 ATACAGTGAACATACCATGTGTTTTCTTAAAGCCAACAAAATCCTGATTTCTATAGCTT  
 GGAGGTGATACAGAAGGCAGAAGACAAAATCAAAATTTAGCTAATAAAAATATACCCTGCC  
 TATTGGCTCCAGCAATACACTATAGAGTTTGGCAATGACGGATACCCAAGTGTATATGT  
 TTTGTTAAAATTTATCTTCAAGCTAATACCTGAAGAGGTTGGCTAATCTTTAAATCAAAT  
 ATTCTTACTTAAGATTTATCCATCAAATGGAATATGTACAACATATTTCAAATCAGAAAA  
 GGGTGAATTTTCCCCTGCCCTTTCAAAAAATTTTAAATCCCCTGAANAATTCTTAAT  
 TG

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_152902

**Insert Size:**

2880 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\\_152902.3](#), [NP\\_690866.1](#)

**RefSeq Size:** 3032 bp

**RefSeq ORF:** 819 bp

**Locus ID:** 261726

**UniProt ID:** [O75663](#)

**Cytogenetics:** 1q24.2

**Domains:** TIP41

**Gene Summary:** TIPRL is an inhibitory regulator of protein phosphatase-2A (PP2A) (see PPP2CA; MIM 176915), PP4 (see PPP4C; MIM 602035), and PP6 (see PPP6C; MIM 612725) (McConnell et al., 2007 [PubMed 17384681]).[supplied by OMIM, Nov 2010]  
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.