

Product datasheet for **SC106187**

TIPRL (AL049670) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TIPRL (AL049670) Human Untagged Clone
Tag:	Tag Free
Symbol:	TIPRL
Synonyms:	TIP; TIP41; TIPRL1
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for AL049670, the custom clone sequence may differ by one or more nucleotides

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ATGATGATCCACGGCTTCCAGAGCAGCCACCGGGATTTCTGCTTCGGGCCCTGGAAGCTGACGGCGTCCA
AGACCCACATCATGAAGTCGGCGGATGTGGAGAAATTAGCCGATGAATTACATATGCCATCTCTCCCTGA
AATGATGTTTGGAGACAACGTTTTAAGAATCCAGCATGGGTCTGGCTTTGGAATTGAGTTCAATGCTACA
GATGCGTTAAGATGTGTAACAACACTACCAAGGAATGCTTAAAGTGGCCTGTGCTGAAGAGTGGCAAGAAA
GCAGGACGGAGGGTGAACACTCCAAAGAGGTTATTAACCATATGATTGGACCTATACAACAGATTATAA
GGGAACCTTACTTGGAGAATCTCTTAAGTTAAAGTTGTACCTACAACAGATCATATAGATACAGAAAAA
TTGAAAGCCAGAGAACAGATTAAGTTTTTTGAAGAAGTTCTCCTTTTTGAGGATGAACCTTCATGATCATG
GAGTTTCAAGCCTGAGTGTGAAGATTAGAGTAATGCCTTCTAGCTTTTTCTGCTGTTGCGGTTTTTCTT
GAGAATTGATGGGGTGTATCAGAATGAATGACACGAGACTTTACCATGAGGCTGACAAGACCTACATG
TTACGAGAATATACGTACAGAGAAAGCAAAATTTCTAGTTTGATGCATGTTCCACCTCCCTCTTCACGG
AACCTAATGAAATATCCAGTATTTACCAATAAAGGAAGCAGTTTGTGAGAAGCTAATATTTCCAGAAAG
AATTGATCCTAACCCAGCAGACTCACAAAAAGTACACAAGTGAATAA
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5' Read Nucleotide Sequence:	>OriGene 5' read for AL049670 unedited TAATTACACCCGCCGTTGNCGCAATGGGCGGTAGGCGTGTACGGTGGGAGGTCTATATA AGCAGAGCTCATTTAGGTGACACTATAGAATACAAGCTACTTGTCTTTTTGCAGCGGCC GCGAATTCGGCACGAGGGGAACCGGTGTTGCGCCGCCGCCGCTGCTTCAGCTTATTCCTTG TGGCCTCTGCGGGTCTGCTCAGCCATGATGATCCACGGCTTCAGAGCAGCCACCGGG ATTTCTGCTTCGGGCCCTGGAAGCTGACGGCGTCCAAGACCCACATCATGAAGTCGGCGG ATGTGGAGAAAATTAGCCGATGAATTACATATGCCATCTCTCCCTGAAATGATGTTTGGAG ACAACGTTTTAAGAATCCAGCATGGGTCTGGCTTTGGAATTGAGTTCAATGCTACAGATG CGTTAAGATGTGTAACAACACTACCAAGGAATGCTTAAAGTGGCCTGTGCTGAAGAGTGGC AAGAAAGCAGGACGGAGGGTGAACACTCCAAGAGGTTATTAACCATATGATTGGACCT ATACAACAGATTATAAGGGAACCTTACTTGGAGAATCTCTTAAGTTAAAGTTGTACCTA CAACAGATCATATAGATACAGAANAATTGAAAGCCAGAGAACAGATTAAGTTTTTTGAAG AAGTTCTCTTTTTGAGGATGAACCTTCATGATCATGGAGTTTCAAGCCTGAGTGTGAAGA TAGAGTAATGCCTTCTAGCTNTTCTGCTGTTGCGGNTTTCTTGAGATTGATGGGGTGC TTATCAGAATGAATGACACGAGACTTTCATGAGGCTGACAGACCTACTGTACGAGATAT ACGTACGAGAAAAGCAATTTCTAGTTTGAGCTGTTCCACTTTCCTCTCACGNACCTAATGA TATCCCAGTATTACCATAGGGAGCCGTTGTGAGAA
Restriction Sites:	NotI-NotI
ACCN:	AL049670
Insert Size:	3000 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:	<ol style="list-style-type: none"> 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:	<u>AL049670.1</u> , <u>CAB41244.1</u>
RefSeq Size:	1314 bp
RefSeq ORF:	1314 bp
Locus ID:	261726
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]