

Product datasheet for **RG201185**

TIPRL (NM_001031800) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: TIPRL (NM_001031800) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: TIPRL
Synonyms: TIP; TIP41; TIPRL1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG201185 representing NM_001031800
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGATGATCCACGGCTTCCAGAGCAGCCACCGGGATTTCTGCTTCGGGCCCTGGAAGCTGACGGCGTCCA
 AGACCCACATCATGAAGTCGGCGGATGTGGAGAAATTAGCCGATGAATTACATATGCCATCTCTCCCTGA
 AATGATGTTTGGAGACAACGTTTTAAGAATCCAGCATGGGCTGGCTTTGGAATTGAGTTCAATGCTACA
 GATGCGTTAAGATGTGTAACAACACTACCAAGGAATGCTTAAAGTGGCCTGTGCTGAAGAGTGCCAAGAAA
 GCAGGACGGAGGTGAACACTCCAAGAGGTTATTAACCATATGATTGGACCTATACAACAGATTATAA
 GGGAACCTTACTTGGAGAATCTCTTAAGTTAAAGTTGTACCTACAACAGATCATATAGATACAGAAAAA
 TTGAAAGCCAGAGAACAGATTAAGTTTTTTGAAGAAGTTCCTCTTTTGGAGATGAACCTCATGATCATG
 GAGTTTCAAGCCTGAGTGTGAAGATTCCTGGTGGCGGGCACCTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG201185 representing NM_001031800
 Red=Cloning site Green=Tags(s)

MMIHGFQSSHRDFCFGPWKLTASKTHIMKSADVEKLADELHMPSLPEMMFGDNVLRIQHSGFGIEFNAT
 DALRCVNNYQGMLKVACAEWQESRTEGEHSKEVIKPYDWTYTTDYKGTLLGESLKLKVVPTTDHIDTEK
 LKAREQIKFFEEVLLFEDELHDHGVSSLVKIPGGHLL

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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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>NM_001031800.3</u>
RefSeq Size:	854 bp
RefSeq ORF:	537 bp
Locus ID:	261726
UniProt ID:	<u>O75663</u>
Cytogenetics:	1q24.2
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]