

Product datasheet for MR203623

Tiprl (NM_145513) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tiprl (NM_145513) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tiprl
Synonyms:	1810011K17Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR203623 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGATGATCCACGGCTTTCAGAGCAGCCACCAGGACTTCTCCTTCGGGCCTTGGAAGCTGACGGCGTCCA
AGACCCACATCATGAAGCTGCGGATGTGGAAAAGTTAGCTGACGAGCTGCACATGCCATCCCTCCCTGA
AATGATGTTTGGAGACAACGTTCTAAGGATCCAGCATGGCTCTGGCTTTGGAATAGAGTTCAATGCTACG
GACGACTGAGATGTGTGAACAACATCAGGGCATGCTCAAAGTAGCTTGTGCTGAAGAGTGGCAGGAAA
GTAGGACGGAGGGCGAACACTCCAAAGAAGTTATTAACCATATGACTGGACCTATACAACAGATTATAA
AGGAACGCTGCTTGGAGAATCTCTTAAGTTAAAGTTGTACCTACAACAGATCATATAGATACAGAAAA
TTGAAAGCCAGAGAACAGATTAAATTTTTGAAGAAGTCTCCTGTTTGAAGATGAATTGCATGATCATG
GTGTTTCCAGCCTGAGTGTGAAAATTAGAGTGATGCCTTCCAGCTTCTTCTGCTGTTGCGGTTTTCT
GAGAATTGATGGGGTGCTCATCAGAAATGAATGACACGAGGCTTACCATGAGGCTGACAAGACCTACATG
TTACGAGAATATACATCCAGAGAGAGCAAAATTGCTAATTTAATGCATGTTCCACCTTCCCTTCCACGG
AACCTAATGAAATATCACAATTTACCAATTAAGGAAGCAGTTTGTGAGAAGCTCGATTTCCAGAAAG
AATTGATCCTAACCCAGTGGACTCACAAGTACCCCTCAGAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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_145513.1](#)

RefSeq Size: 4395 bp

RefSeq ORF: 816 bp

Locus ID: 226591

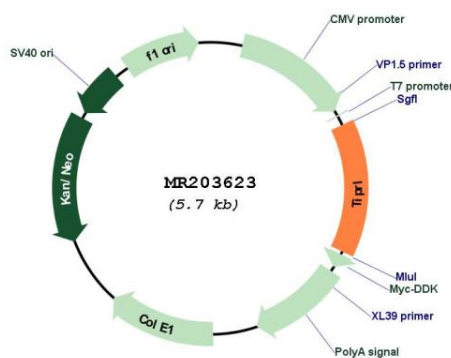
UniProt ID: [Q8BH58](#)

Cytogenetics: 1 H2.2

MW: 31.3 kDa

Gene Summary: May be a allosteric regulator of serine/threonine-protein phosphatase 2A (PP2A). Inhibits catalytic activity of the PP2A(D) core complex in vitro. The PP2A(C):TIPRL complex does not show phosphatase activity. Acts as negative regulator of serine/threonine-protein phosphatase 4 probably by inhibiting the formation of the active PPP4C:PPP4R2 complex; the function is proposed to implicate it in DNA damage response by promoting H2AFX phosphorylated on Ser-140 (gamma-H2AFX). May play a role in the regulation of ATM/ATR signaling pathway controlling DNA replication and repair (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR203623