

Product datasheet for MR203759

Tipin (NM_025372) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tipin (NM_025372) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tipin
Synonyms:	1110005A05Rik; 1110018P21Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR203759 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTTAGAGCAAGAAGAAAATGGCTTGTTTGAATACCAGATTATGAACATGTAGAGGATGAACTTTTC
CTCCCTCCCACCTCCGGCCTCGCCAGAGAGAGATCCTGCAGACGCTGAACCTGAGGAAGGATCAGGGAG
TGGAGTACCTGTTCCGCCAAAGAGAACAGTTAAAAGGAATCTACCTAAGCTAGATGCTACGAGATTGACT
TCAGAGAGAGGGCTTCCAGCCTTAAGGCATGTGTTTGATAAGACGAAATCAAGGGGAAGGGTCATGAGG
CTGAAGACTTGAAAACGCTAATCAGACACATGGAGCACTGGGCACATAGGCTATTCCTCAAGCTGCAATT
TGAAGATTTTATTGACAGAGTCGAAAACCTAGGAAATAAAAAGGAGGTTTCAGACCTGTTTAAAACGAATT
CGACTTGATCTGCCTATTGTACATGAAGATTTTGTAAACAATAATGATGAAGTTGGAGAAGCTAATGGCC
CAGATGTATCTGCTACTGGATTTGATCCCTTCTTGACAAGTTCTTCTGACAGCAGGAAGTTTGCTTCTGA
ACCAACTAGAAGCCTAACAGAAGAGCAGCAACAGAGAATTGAGAGAAAATAAACAGCTGGCCTTGAAAGA
AGGCAGGCAAAGCTACTGAGTAATAGCCAGTCCCTAGAAAATGATGTGACAGTTGAAGAGAACAGTACTG
GTGAGGATCAAGAAGAGTCAAAATGGATTAACATAGACTGCTGATGGTCCACATGATGTTCTTTCCG
CAGTACACATGAAGAGGAACAGTTCAAAGCAGAGGAGACACAACCTGGACCATACTAAGTTAGAC

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR203759 protein sequence
 Red=Cloning site Green=Tags(s)

```
MLEQEENGLFEIPDYEHVEDETFFPPPPPASPDPADAPEEGSGSGVPVPPKRTVKRNLPKLDATRLT
SERGLPALRHVFDKTKFKGKGHEAEDLKTILRHMEHWAHRLFPKLQFEDFIDRVENLGNKKEVQTLKRI
RLDLPPIVHEDFVNNNDEVGEANGPDVVSATGFDPFLLTSSSDSRKFASEPTRSLTEEQQRIERNQLALER
RQAKLLSNSQSLNDVTVENSTGEDQEEENGLNIDTADGPHDVPFASTHEEEQFKAETQLDHTNLD
```

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_025372

ORF Size: 837 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).

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_025372.1](#), [NM_025372.2](#), [NM_025372.3](#), [NM_025372.4](#), [NP_079648.1](#)

RefSeq Size: 1211 bp

RefSeq ORF: 837 bp

Locus ID: 66131

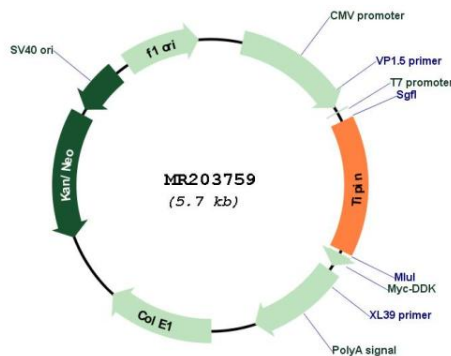
UniProt ID: [Q91WA1](#)

Cytogenetics: 9 34.6 cM

MW: 31.5 kDa

Gene Summary: The protein encoded by this gene is part of the replisome complex, a group of proteins that support DNA replication. It binds TIM and aids in protecting cells against DNA damage and stress. [provided by RefSeq, Feb 2014]

Product images:



Circular map for MR203759