

Product datasheet for **RR215453**

Tinag (NM_001005549) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tinag (NM_001005549) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tinag
Synonyms:	MGC93772
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide Sequence:

>RR215453 representing NM_001005549
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTGGATCGGATATAAGATCTTAATCTTCTTCTCTCTGATGACAGAAATCTGTGCAGAACTCATTATT
 TATCAGGAGGAGAAGTGGATCCAGGGCTGAGTTTCACTAGAAACACACAGTTTGAAGGTAAGTACTCGGCA
 CAAAAGAGCCATTTTCCAAGGGGAATACTGTAGGCGCTTTGGCTGCTGTGAAGCCAGAGATGACACCTGT
 GTCACCTAGTTCTATGAGGCCAATGCATTGTGCTACTGTGACAGCTTCTGTGAGCGGGACACCTCTGATT
 GCTGTCTGATTACAAGTCATTCTGCCGTGAAGGAAAAGATGGGCCTCCTCTCCAACAGCCTTTAGACCC
 GGAAGGTTGCTCCAGAGATAGTCAACATTATGAAGAAGGATCAGTGATTAAGAAAACCTGCAACTTTTGT
 ACATGTTCCAGGACAACAATGGAAATGTTCCCAACATGTTGCCTTGTCTCCAGAATTAATTGATCACA
 TCAATAAAGGAGACTACGGATGGACAGCACAGAACTACAGCCAATTCTGGGGAATGACCTTAGAAGAAGG
 ATTCAAATTTTCGCTTGGCACCTTGCCACCTAGTCCCATGCTTCTGAGCATGAATGAAATGACAGCATCT
 TATCCCAGAGCTGATCTTCTGAGGTTTTCATTGCTTCTTATAAGTGGCCTGGATGGACTCATGGTCCAC
 TGGATCAAAAAGAACTGTGCTGCATCCTGGGCTTTTTCTACCGCAAGTGTAGCAGCTGACCGAATTGCAAT
 TCAGTCCAAGGTCGATACACAGCCAACCTCTCCCTCAGAATTTGATCTCCTGTTGTGCAAGAACCGT
 CATGGATGCAACAGTGAAGCATAGATAGGGCCTGGTGGTTTCTGAGAAAACGTGGACTGGTATCTCATG
 CATGCTACCCACTTTTCAAGGAACAAAGCACTAACAATAATAGCTGTGCTATGGCCAGCAGATCAGATGG
 GCGGGGAAACGGCATGCCACAAGGCCGTGTCCAACAGCTTCGAGAAAATCCAACAGGATTTATCAGTGT
 TCTCTCCATACAGAATCTTCCAATGAAACTGAAATCATGAGAGAAAATCATACAAAATGGACCAGTTC
 AAGCCATAATGCAGTCCATGAAGATTTCTTATTATAAGACAGGAATATACAGACATGTTGTGCAGCAC
 AAATGAAGAACCAGAAAAGTACAGAAAACCTCGGACACATGCAGTTAAACTCACTGGATGGGGCACACTG
 AGAGGAGCACAAGGGAAGAAAGAAAAATTTGGATTGCTGCCAATTCCTGGGGAAGTCATGGGGAGAGA
 ATGGCTATTTTAGGATCTTCGAGGAGTAAATGAATCTGACATTGAAAAATGATTATCGCAGCATGGGG
 GCAACTGACAAGTTCAGATGATCCA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR215453 representing NM_001005549
 Red=Cloning site Green=Tags(s)

MWIGYKILIFFSLMTEICAGTHYLSGGEVDPGLSFTRNHTSFEGTRHKRAIFQGEYCRRFGCCEARDTDC
 VTQFYEANALCYCDSFCERDTSDCPPDYKSFCREGKDGPPPLQQPLDPEGCSRDSQHYEEGSVIKENCNFC
 TCSGQQWKCSQHVCLVLPIDHINKGDYGWTAQNYSQFWGMTLEEGFKFRLGTLPPSPMLLSMNEMTAS
 YPRADLPEVFIASYKWPWTHGPLDQKNCAASWAFSTASVAADRIAIAQSKGRYTANLSPQNLISCCAKNR
 HGCNSGSDRAWWFLRKRGLVSHACYPLFKEQSTNNNSCAMASRSDGRGKRHATRPCNSFEKSNRIYQC
 SPPYRISSNETEIMREIIQNGPVQAIMQVHEDFFYYKTGIYRHVVSTNEEPEKYRKLRTHAVKLTGWGTL
 RGAQGGKEKFWIAANSWGSWGENGYFRILRGVNESDIEKLIIAAWGQLTSSDDP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

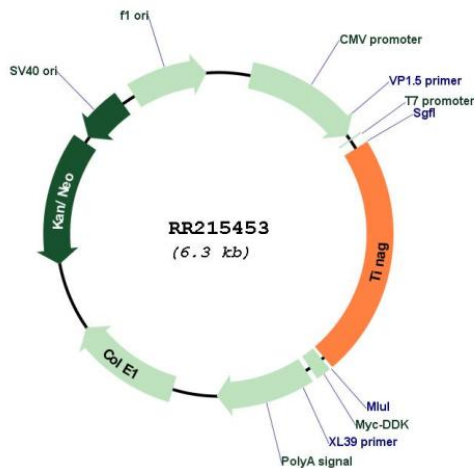
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_001005549

ORF Size:

1425 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_001005549.1](#), [NP_001005549.1](#)

RefSeq Size: 1737 bp

RefSeq ORF: 1428 bp

Locus ID: 300846

Cytogenetics: 8q24

MW: 54 kDa