

Product datasheet for **RN215453**

Tinag (NM_001005549) Rat Untagged Clone

Product data:

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



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Fully Sequenced ORF: >RN215453 representing NM_001005549
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTGGATCGGATATAAGATCTTAATCTTCTTCTCTCTGATGACAGAAATCTGTGCAGGAACTCATTATT
 TATCAGGAGGAGAAGTGGATCCAGGGCTGAGTTTCACTAGAAACACACAGTTTGAAGGTAAGTACTCGGCA
 CAAAAGAGCCATTTTCCAGGGGAATACTGTAGGCGCTTTGGCTGCTGTGAAGCCAGAGATGACACCTGT
 GTCACCTAGTTCTATGAGGCAATGCATTGTGCTACTGTGACAGCTTCTGTGAGCGGGACACCTCTGATT
 GCTGTCTGATTACAAGTCACTTCTGCCGTGAAGGAAAAGATGGGCCTCCTCTCCAACAGCCTTTAGACCC
 GGAAGTTGCTCCAGAGATAGTCAACATTATGAAGAAGGATCAGTGATTAAGAAAACCTGCAACTTTTGT
 ACATGTTCCAGGACAACAATGGAAATGTTCCCAACATGTTGCCTTGTCTCCAGAATTAATTGATCACA
 TCAATAAAGGAGACTACGGATGGACAGCACAGAACTACAGCCAATTCTGGGGAATGACCTTAGAAGAAGG
 ATTCAAATTTTCGCTTGGCACCTTGCCACCTAGTCCCATGCTTCTGAGCATGAATGAAATGACAGCATCT
 TATCCCAGAGCTGATCTTCTGAGGTTTTCATTGCTTCTATAAGTGGCCTGGATGGACTCATGGTCCAC
 TGGATCAAAAAGAACTGTGCTGCATCCTGGGCTTTTTCTACCGCAAGTGTAGCAGCTGACCGAATTGCAAT
 TCAGTCCAAGGGTCGATACACAGCCAACCTCTCCCTCAGAATTTGATCTCCTGTTGTGCAAGAACCGT
 CATGGATGCAACAGTGAAGCATAGATAGGGCCTGGTGGTTTCTGAGAAAACGTGGACTGGTATCTCATG
 CATGCTACCCACTTTTCAAGGAACAAAGCACTAACAATAATAGCTGTGCTATGGCCAGCAGATCAGATGG
 GCGGGGAAACGGCATGCCACAAGGCCGTGCCAACAGCTTCGAGAAAATCCAACAGGATTTATCAGTGT
 TCTCTCCATACAGAATCTTCCAATGAACTGAAATCATGAGAGAAAATCATACAAAATGGACCAGTTC
 AAGCCATAATGCAGTCCATGAAGATTTCTTATTATAAGACAGGAATATACAGACATGTTGTGACGAC
 AAATGAAGAACCAGAAAAGTACAGAAAACCTTCGACACATGCAGTTAAACTCACTGGATGGGGCACACTG
 AGAGGAGCACAAGGGAAGAAAGAAAATTTGGATTGCTGCCAATTCCTGGGGAAGTCATGGGGAGAGA
 ATGGCTATTTAGGATCTTCGAGGAGTAAATGAATCTGACATTGAAAAATTTGATTATCGCAGCATGGGG
 GCAACTGACAAGTTCAGATGATCCATAG

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001005549

Insert Size: 1428 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:

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