

Product datasheet for **MR207601**

Tinag (NM_012033) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tinag (NM_012033) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tinag
Synonyms:	A1452335; TIN-ag
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR207601 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTGGACTGAATATAAGATCTTAATCTTCTTCTCTCTGACGACAGACATCTGCACTGAGACTCATTCT
 CTAAGGAGAAGCAGAACCAGGGCCAAGATTCCTAGAAAATCACACCATTTTTGAAGTTCTCGGCACAA
 AAGGGCCATTTTCCAAGGGGAATACTGTAGGCGCTTTGGCTGTTGTGAAGCTAGAGATGACACCTGTGTC
 ACTCAGTCTATGAGGCCAATGCACTGTGTACTGTGACAGCTTCTGTGAGCGGGACACCTCTGATTGCT
 GTCCTGATTACAAGTCATTCTGCCACGAAGAAAAAGAGCCTCCTTTCCAACAGCCTTCAGACCCAGA
 AGGTTGCTTCAGAGATAGCCAGCATTATGAAGAAGGATCAGTAGTTAAAGAAAATGCAACTCCTGTACA
 TGTTCCAGGACAGCAGTGGAAATGTTCCCAACATGTGTGCCTTGTTCATCCAGAATTAATTGACCACATCA
 ATAAAGGAGACTATGGATGGACAGCACAGAATTATAGCCAATTCGGGAATGACCTTAGAAGAAGGATT
 CAAATTCGCCTCGGCACCTTGCCACCTAGCCCCATGCTTCTCAGCATGAATGAAATGACAGCTTCTTTT
 CCTCCAGAGCTGATCTTCTGAGATCTTATTGCTTCTTATAAGTGGCCTGGATGGACTCATGGTCCAC
 TGGATCAAAAAAAGTGTCTGCATCCTGGGCTTTTTCCACCGCAAGTGTGGCAGCTGACCGAATTGCAAT
 TCAGTCCAAGGTCGATACACAGCCAATCTCTCGCCTCAGAATTTGATCTTGTGTGCCAAGAATCGT
 CACGGATGCAACAGTGAAGCATAGATAGGGCCTGGTGGTTCTGAGAAAACGTGGACTGGTATCTCATG
 CATGCTACCCACTTTTCAAGGACCAAAACACTACCAATAATATCTGTGCTATGGCAAGTAGATCAGATGG
 GCGGGGAAAACGGCATGCCACAAAGCCATGTCCAACAGCTTCGAGAAAATCCAACAGGATTTACCAATGT
 TCTCTCCATACAGAGTCTTCCAATGAAACTGAAATATGAGAGAAAATACAAAAATGGACCAGTTC
 AAGCCATAATGCAAGTCCATGAAGACTTCTTTTATTATAAGACAGGAATATACAGACATGTTGTCCAGC
 AAATGAAGAACCAGAAAAGTATAAAAAAAGTTCGGACACATGCAGTTAAACTCACTGGATGGGGCACACTG
 AGAGGAGCACGAGGAAAAAAGAAAAATTTGGATTGCTGCCAATTCCTGGGAAAGTCATGGGGAGAGA
 ATGGCTATTTTAGGATTCTTCGAGGAGTAAATGAATCTGACATTGAGAAATGATTATCGCAGCGTGGGG
 CCAACTGACAAGTTCAGATGATCCA

ACGCGTACGCGGCCGCTCGAGCAGAAAACATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207601 protein sequence
 Red=Cloning site Green=Tags(s)

MWTEYKILIFFSLTTDICTETHFSQGEAEPGRFTRNHTIFEGSRHKRAIFQGEYCRRFGCCEARDTTCV
 TQFYEANALCYDSFCERDTSDCCPDYKSFCHEEKEEPPFQQPSDPEGCFRDSQHYEEGVSVKENCNSCT
 CSGQQWKCQHVCLVHPELIDHINKGDYGWTAQNYSQFWGMTLEEGFKFRLGTLPPSPMLLSMNEMTASF
 PPRADLPEIFIASYKWPWTHGPLDQKNCAASWAFSTASVAADRIAISKGRYTANLSPQNLISSCAKNR
 HGCNSGSIDRAWWFLRKRGLVSHACYPLFKDQNTNINICAMASRSDGRGRHATKPCPNSFEKSNRIYQC
 SPPYRVSSNETEIMREIIQNGPVQAIMQVHEDFFYYKTGIYRHVVSTNEEPEKYKLRTHAVKLTGWGTL
 RGARGKKEKFWIAANSWGKSWGNGYFRILRGVNESDIEKLIIAAWGQLTSSDDP

TRTRPLEQ**KL**ISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



* The last codon before the Stop codon of the ORF

ACCN: NM_012033

ORF Size: 1428 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_012033.2](#), [NP_036163.2](#)
RefSeq Size: 1708 bp

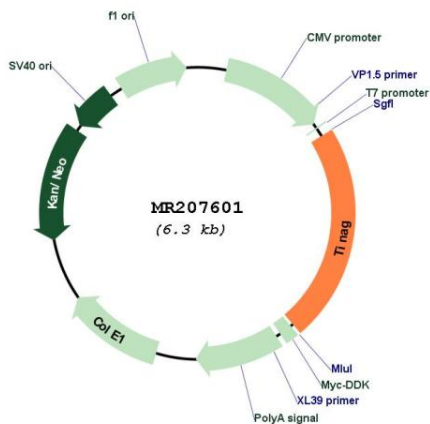
RefSeq ORF: 1428 bp

Locus ID: 26944

Cytogenetics: 9 D

MW: 54.3 kDa

Product images:



Circular map for MR207601