

Product datasheet for **MG207601**

Tinag (NM_012033) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tinag (NM_012033) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Tinag
Synonyms:	AI452335; TIN-ag
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG207601 representing NM_012033
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTGGACTGAATATAAGATCTTAATCTTCTTCTCTCTGACGACAGACATCTGCACTGAGACTCATTCT
 CTAAGGAGAAGCAGAACCAGGGCCAAGATTCCTAGAAATCACACCATTTTTGAAGTTCTCGGCACAA
 AAGGGCCATTTTCCAAGGGGAATACTGTAGGCGCTTTGGCTGTTGTGAAGCTAGAGATGACACCTGTGTC
 ACTCAGTTCTATGAGGCAATGCACTGTGTACTGTGACAGCTTCTGTGAGCGGGACACCTCTGATTGCT
 GTCCTGATTACAAGTCATTCTGCCACGAAGAAAAAGAGCCTCCTTTCCAACAGCCTTCAGACCCAGA
 AGGTTGCTTCAGAGATAGCCAGCATTATGAAGAAGGATCAGTAGTTAAAGAAAACGCAACTCCTGTACA
 TGTTCCAGGACAGCAGTGGAAATGTTCCCAACATGTGTGCCTTGTTCATCCAGAATTAATTGACCACATCA
 ATAAAGGAGACTATGGATGGACAGCACAGAATTATAGCCAATTCTGGGGAATGACCTTAGAAGAAGGATT
 CAAATTCGCCTCGGCACCTTGCCACCTAGCCCCATGCTTCTCAGCATGAATGAAATGACAGCTTCTTTT
 CCTCCAGAGCTGATCTTCTGAGATCTTCATTGCTTCTATAAGTGGCCTGGATGGACTCATGGTCCAC
 TGGATCAAAAAAAGTGTGCTGCATCCTGGGCTTTTTCCACCGCAAGTGTGGCAGCTGACCGAATTGCAAT
 TCAGTCCAAGGTCGATACACAGCCAATCTCTCGCCTCAGAATTTGATCTCTTGTGTGCCAAGAATCGT
 CACGGATGCAACAGTGAAGCATAGATAGGGCCTGGTGGTTCTGAGAAAACGTGGACTGGTATCTCATG
 CATGCTACCCACTTTTCAAGGACCAAAACACTACCAATAATATCTGTGCTATGGCAAGTAGATCAGATGG
 GCGGGGAAAACGGCATGCCACAAAGCCATGTCCCAACAGCTTCGAGAAAATCCAACAGGATTTACCAATGT
 TCTCTCCATACAGAGTCTTCCAATGAAACTTTTATTATAAGACAGGAATATACAGAAATGGACCAGTTC
 AAGCCATAATGCAAGTCCATGAAGACTTCTTTTATTATAAGACAGGAATATACAGAAATGTTGTCAGCAC
 AAATGAAGAACCAGAAAAGTATAAAAAAAGTTCGGACACATGCAGTTAAACTCACTGGATGGGGCACACTG
 AGAGGAGCACGAGAAAAAAGAAAAATTTTGGATTGCTGCCAATTCCTGGGGAAGTCATGGGGAGAGA
 ATGGCTATTTTAGGATTCTTCGAGGAGTAAATGAATCTGACATTGAGAAATGATTATCGCAGCGTGGGG
 CCAACTGACAAGTTCAGATGATCCA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG207601 representing NM_012033
 Red=Cloning site Green=Tags(s)

MWTEYKILIFFSLTTDICTETHFSQGEAEPGRFTRNHTIFEGSRHKRAIFQGEYCRRFGCCEARDTDCV
 TQFYEANALCYDSFCERDTSDCCPDYKSFCHEEKEEPPFQQPSDPEGCFRDSQHYEEGSVVKENCNSCT
 CSGQQWKCQHVCLVHPELIDHINKGDYGWTAQNYSQFWGMTLEEGFKFRLGTLPPSPMLLSMNEMTASF
 PPRADLPEIFIASYKWPGWTHGPLDQKNCAASWAFSTASVAADRIAISKGRYTANLSPQNLISCCAKNR
 HGCNSGSDRAWWFLRKRGLVSHACYPLFKDQNTTNNICAMASRSDGRGKRHATKPCPNSFEKSNRIYQC
 SPPYRVSSNETEIMREIIQNGPVQAIMQVHEDFFYYKTGIYRHVVSTNEEPEKYKLRTHAVKLTGWGTL
 RGARGKKEKFWIAANSWGKSWGNGYFRILRGVNESDIEKLIIAAWGQLTSSDDP

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

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: 1702 bp

RefSeq ORF: 1428 bp

Locus ID: 26944

Cytogenetics: 9 D