

## Product datasheet for **MC217406**

### Tox (NM\_145711) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Tox (NM_145711) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tox
Synonyms:	1700007F02Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC217406 representing NM\_145711  
 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGACGTAAGATTTTATCCTCCTCCAGCCAGCCCGCTGCTGCGCCCGCCGCTCCTTGTCTGGACCTT  
 CTCCTGCCTGGACCCCTACTATTGCAACAAGTTTGACGGGGAGAACATGTATATGAGCATGACAGAGCC  
 GAGCCAGGACTATGTGCCAGCCAGCCAGTCTACCCTGGACCAAGTCTGGAAAGTGAAGATTTTAAACATC  
 CCACCCATCACGCCTCCCTCCCTCCCTGACCACTCTCTGGTGCACCTGAATGAGGTAGAATCCGGTTACC  
 ACTCTCTGTGTACCCCCATGAATCACAATGGCCTGCTCCCGTTCCATCCACAAACCATGGACCTGCCAGA  
 GATCACGGTGTCCAACATGCTGGGCCAAGATGGCGCACTGCTCTCCAATCCATCTCTGTGATGCAAGAT  
 ATTGGGAATGCAGAAGGAGCTCAGTACAGCTCCCATCCTCAGATGGCAGCCATGAGGCCGAGAGGCCAGC  
 CTACAGACATCAGACAGCAGGCAAGCATGATGCAGCCCGCCAGCTGACCACCATCAACCACTCGCAGCT  
 GAGCGCACAGTTGGCTTGAACATGGGAGGAACCAATGTGGCCCACTCCCTTCTCCACCCGGAAGC  
 AAGTCTGCAACCCCTTCCCATCCAGCTCAGTGCATGAGGATGAGTGTGAGGATGCCTCCAAGATCAATG  
 GAGGAGAGAAGCGGCCTGCCTCTGATATGGGAAAAAACCCTCCCAAGAAAGAAGAAGAAGAGGA  
 TCCATATGAGCCCAAGAAGCCTGTGTCTGCCTATGCTTTGTTCTTTCTGTGATACCCAGGCTGCCATTAAG  
 GGCCAGAATCCAATGCTACTTTTGGTGAAGTATCGAAGATTGTGGCATCAATGTGGGATGGCCTAGGAG  
 AAGAACAGAAACAGGTCTATAAGAAGAAAACCGAGGCTGCAAAGAAGGAATACCTGAAGCAGCTAGCAGC  
 ATACAGAGCCAGCCTTGTATCCAAGAGCTACACTGATCCTGTTGATGTTAAGACATCTCAGCCACCCAG  
 CTGGTCAACTCAAAGCCGTCAGTATTCCATGGGCCAGCCAGGCCACTCAGCTCTGTACCAAGTTCTC  
 ACTATCACAACAACCAAGGAATGACTCCTCAGCTCACCAGCCATGCATCCGAGCCTCCCAAGAAACATGC  
 ACCTAAGCCCAATAACCAAAATGCCAGTGTCTCCATAGCCAACATGGCTGTGTCCCCACCACCGCCC  
 CTTCAGATCAGCCACCTCTTCATCAGCATCTCAGCATGCAGCAGCATCAGTCGCTTGCCATGCAGCAGC  
 CCCTTGGGAGTCAGTCCCCATGCAGGTCCAGACTGCCTTACACTCGCCACCATGCAGCAAGGATTTAC  
 TCTTCAACCCGACTATCAGACTATTATCAACCCTACATCTACAGCTGCACAAGTTGTACCCAAGCGATG  
 GAGTACGTGCGTTCTGGGTGCAGAAATCCGCCCCACAGCCCGTGGACTGGAGTACCGACTACTGCAGTA  
 GTGGGGCATGCAGAGGGACAAAGCGCTGTATCTCACCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_145711

**Insert Size:** 1581 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:** [BC080732](#), [AAH80732](#)

**RefSeq Size:** 2810 bp

**RefSeq ORF:** 1581 bp

**Locus ID:** 252838

**UniProt ID:** [Q66JW3](#)

**Cytogenetics:** 4 A1

**Gene Summary:** May play a role in regulating T-cell development.[UniProtKB/Swiss-Prot Function]