

Product datasheet for **RN215126**

Tox (NM_001108654) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tox (NM_001108654) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tox
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN215126 representing NM_001108654
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACGTAAGATTTTATCCACCTCCAGCCAGCCCGCTGCTGCGCCCGCCGCTCCCTGTCTGGACCTT
 CTCCTGCCTGGACCCCTACTATTGCAACAAGTTTGACGGTGAGAACATGTATATGAGCATGACAGAGCC
 GAGCCAGGACTATGTGCCAGTCAGCCAGTCTACCCTGGCCAAAGCTGGAAGTGAAGACTTTAACATC
 CCACCCATTACTCCTCCCTCACTCCCTGACCCTCTCTGGTGCACCTGAATGAGGTGGAGTCCGGTTACC
 ACTCTCTGTGTCAACCATGAACCACAATGGCCTGCTTCCATTCCATCCACAAAACATGGACCTGCCAGA
 GATCACCGTGTCCAACATGCTGGGCCAGGATGGCACACTGCTCTCCAATCCATCTCTGTGATGCAAGAG
 ATTGGAATGCTGAAGGAGCTCAGTACAGTTCCTCCTCAGCTGGCAGCCATGAGGCCGAGAGGCCAGC
 CTACAGACCTCAGACAGCAGGCAAGCATGATGCAGCACGGCCAGCTGACCACCATCAACCCAGTACAGCT
 GAGCGCACAGTTGGCTTGAACATGGGAGGAACCAACGTCCACACAACCTCCCTTCTCCACCTGGGAGC
 AAGTCTGCAACCCCTTCGCCTTCCAGCTCGGTGCATGAGGATGAGTGTGAGGATACCTCCAAGATCAATG
 GAGGAGAGAAGCGGCCTGCCTCTGATATGGGAAAAAACCAAAACTCCTAAAAAGAAAGAAGAAGAGGA
 TCCATATGAGCCCAAGAAGCCTGTGTCTGCCTATGCTTTGTTCTTTCTGTGATACCCAGGCTGCCATCAAG
 GGCCAAAATCAAATGCTACTTTTGGTGAAGTCTCTAAGATTGTGGCATCCATGTGGGATGGCCTAGGAG
 AAGAGCAGAAACAGGTCTACAAGAAGAAAACCTGAGGCTGCAAAAAGGAATACCTGAAGCAGCTAGCAGC
 ATACAGAGCCAGCCTTGATCCAAGAGCTACAATGACCCTGTGGATGTTAAGACATCTCAGCCACCCAG
 CTGGTCAACTCCAAGCCGTCAGTGTCCATGGGCCAGCCAGGCCACTCAGCTCTGTACCTAAGTTCTC
 ACTATCACAACAACCAGGAATGACTCCTCAGCTCACCGCCATGCATCCGAGCCTCCCCAGAAACATGC
 ACCTAAGCCCAATAACCAAATGCCAGTACTGTCTCCATAGCCAACATGGCTGTGTCCCCACCACCGCCC
 CTCAAATCAGCCACCTCTTATCAGCATCTCAGCATGCAGCAGCATCAGCCACTTGTGCAGCAGCCTC
 TTGCGAGTCAGCTCCCCATGCAGGTCCAGACCGCCTTACACTCGCCACCATGCAGCAAGGATTTACTCT
 CCAACCCGACTATCAGACTATTATCAACCTACATCTACAGCCGACAAGTTGTCAACCAAGCGATGGAG
 TACGTGCGTTCTGGGTGCAGAAATCCTCCCCACAGCCGGTGGACTGGAGTACCGACTACTGCAGTAGTG
 GGGCATGCAGAGGGACAAGCGCTGTACCTCACCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001108654
- Insert Size:** 1578 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_001108654.1](#), [NP_001102124.1](#)

RefSeq Size: 3093 bp

RefSeq ORF: 1578 bp

Locus ID: 362481

Cytogenetics: 5q12