

Product datasheet for **RN203712**

Tox3 (NM_001106171) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tox3 (NM_001106171) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tox3
Synonyms:	Tnrc9
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN203712 representing NM_001106171
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAACATGGCTGAGGCAACAACGCCTTCTTTGCTGCCAGTGAGACATTCACACGCCAAGCCTTGGGG
 ATGAAGAGTTTGAAATTCGCCGATCACGCCTCCTCCAGAGTCAGACCCACCCTGGGCATGCCGATGT
 ACTGCTACCCTTTTCAGACACTCAGCGATCCGTTGCCTTCCAGGGAAATGAGTTCACACCCAGTTTCCC
 CCTCAGAGCCTGGATCTTCTTCCATCACAATCTCAAGGAATCTGGTGGAAACAAGATGGTGTGCTTCATA
 GCAACGGGCTGCATATGGATCAGAGCCACACACAAGTGTGCGAGTACCGCCAGGATCCTTCTTTGGTCAT
 GAGGTCAATTGTCCACATGACAGATGCTGCTCGCTCTGGGATCATGCCTCTGCCAACTGACCACCATC
 AACAGTCTCAGTCTCAGTGCACAGTTGGGCTTGAATCTGGGAGGAGCCAGTGTGCCCCACACGTCTCCTT
 CACCTCCAGCAAGCAAATCAGCCACTCCCTCCCCTTCCAGCTCTATCAACGAAGAGGATGCTGATGAAAC
 AAACAGAGCCGTTGGAGAGAAAAGAACAGCCCCAGATTCTGGCAAGAAGCCCAAGACTCCAAAGAAAAAG
 AAAAAGAAAGATCCCAACGAGCCTCAGAAGCCAGTGTGAGCATACGCCCTGTTTTTCAGAGATACACAGG
 CTGCAATTAAGGTCAAAACCCCAATGCGACCTTTGGAGAAGTCTCAAAAATTGTAGCATCTATGTGGGA
 CAGCCTTGGAGAGGAGCAAAAGCAGGTATATAAAGGAAAACAGAAGCTGCCAAGAAAGAATATTTGAAG
 GCCCTGGCTGCCTACCGGCCAGCCTCGTTTCTAAGGCTGCTGCTGAGTCCGAGAAAGCCAGACTATCC
 GCTCTGTCCAGCAGACTCTGGCATCAACCAACCTGACATCCTCTCTCCTTCTGAACACGTCACTGTCTCA
 ACATGGGACAGTCCCGGCTTACCTCAGACTCTCCCGCAGTCACTCCCTAGGTCGATTGCCCCAAACCC
 TTAACCATGAGACTACCCATGAGCCAGATTGTACATCAGTACCATTGCAGCCAACATGCCCTCGAACA
 TTGGGGCTCCACTTATCAGCTCCATGGGAACACCATGGTTGGCTCAGTATCCTCCACGCGAGTGGCC
 TTGGGTACAAACCCAGCAACATCAGCTGCAGCTGCAGCAGCAGCAACACAGCAGCAGCAGCAGCAG
 ATGCAGCAGATGCAACAGCAGCAGCTGCAGCAGCAGCAGATGCATCAGCAGATTCAGCAGCAGATGCAGC
 AACAGCATTTCAGCACCACATGCAACAGCACCTGCAGCAGCAGCAACAGCAGCACCTCCAGCAGCAGAT
 CAGCCAACAGCAGCTGCAGCAGCAGCTGCAGCAGCATCTCCAGCTGCAGCAGCAGCTGCAGCACATGCAG
 CACCAGTCTCAGCCTTCTCCCGGCAGCACTCGCCCGTCACTCAGATCAGTCCCCCATCCCCGCCA
 TTGGCAGCCCCAGCCAGCCTCTCAGCAGCAGCAGCCTCAATCCAGTCGCAGACACAGACTCAAGTGT
 ACCGCAGGTCAGTATTTTT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001106171

Insert Size: 1632 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_001106171.1](#), [NP_001099641.1](#)

RefSeq Size: 2901 bp

RefSeq ORF: 1632 bp

Locus ID: 291908

Cytogenetics: 19p11