

Product datasheet for **MC203643**

Tox3 (NM_172913) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tox3 (NM_172913) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tox3
Synonyms:	500-9; BC052044; C230068E13; CAGF9; Tnrc9
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >BC052044
 AGCCCCGGCCCCAGCCCCGGCCCCGGCATGGATGTGAGTTCTACCCCGGGCGGGCCGGGGACCCAGC
 CGGCTGGACTTCGCGCAGTGCCTGGGGTACTACGGCTACAGCAAGTTGGGAAATAATACTACATGAAC
 ATGGCCGAGGCAAACAACGCCTTCTTTGCTGCCAGTGAGCAGACATTCACACGCCAAGCCTTGGGGACG
 AAGAGTTTGAAATTCACCGATCACGCCTCCTCCAGAGTCAGACCCACCCTGGGTATGCCTGATGCCT
 GCTACCTTTTCAGACTCTCAGCGATCCGTTGCCTTCCCAGGGAAGTTCACACCCAGTTTCCCCT
 CAAAGCTGGATCTCCCTCCATCACAATCTCAAGGAATCTGGTGGAGCAAGATGGCGTGTTCATAGCA
 ATGGGCTGCACATGGATCAGAGCCACACACAAGTGTACAGTACCGCCAGGATCCCTCTTTGGTCATGAG
 GTCAAATTGTCCATATGACGGATGGTGTGCTGATCTGGGATCATGCCTCCTGCCAGCTGACCACCATCAAC
 CAGTCTCAGTCTCAGCGCACAGCTGGGCTTGAATTTGGGAGGAGCCAATGTGTCCACACATCTCCTTAC
 CTCCAGCAAGCAAATCAGCCACTCCCTCTCCTTCCAGCTCTATCAACGAAGAGGATGCTGATGATGCAAA
 CAGAGCCATTGGAGAGAAAAGAACGCCCCAGATTCTGGCAAGAAGCCCAAGACTCCAAAGAAAAAGAAA
 AAGAAAGATCCCAACGAGCCTCAGAAGCCAGTGTACGATATGCCCTGTTTTTCAGAGATACACAGGCTG
 CAATTAAGGGTCAAACCCCAACGCAACCTTCGGAGAAGTCTCGAAAATCGTAGCATCTATGTGGGACAG
 CCTTGGGAGGAGCAAAGCAGGTATATAAAGGAAAACAGAAGTGCCTAAGAAAGAATACTTGAAGGCC
 CTGGCTGCCTACCGGGCTAGCCTCGTTTCCAAGGCTGCTGCTGAATCTGCAAGAAGCCAGACCATCCGTT
 CTGTCCAGCAGACTCTGGCATCAACCACTGACATCCTCCCTCCTCTGAAACATCACTGTCTCAACA
 TGGGACAGTCCCAGCCTCACCTCAGACTCTCCACAGTCACTCCCTAGGTCAATTGCCCCAAAACCTTA
 ACCATGAGACTACCCATGAGCCAGATCGTCACATCAGTACCATTGCAGCCAACATGCCCTCGAACATTG
 GGGCTCCACTGATAAGTTCATGGGGACGACCATGGTTGGTTCAGCAACCTCCACCCAGGTGAGCCCTTC
 GGTGCAAAACCAGCAGCATCAGATGCAGTTGCAGCAGCAACAGCAGCAGCAGCAGATGCAGCAGATG
 CAGCAGCAGCAGTTACAGCAGCACCAAAATGCATCAGCAGATCCAGCAGCAGATGCAGCAGCAGCATTTTC
 AGCATCAGATGCAGCAGCACCTGCAGCAGCAACAGCAGCATCTCCAGCAGCAGCTCAGCCAACAGCA
 GCTGCAGCAGCAGTTGCAGCAGCATCTCCAGCTGCAGCAACTGCAGCACATGCAGCACCATGCTCAGCCT
 TCTCCCCGGCAGCACTCGCCCGTCACTCACAGATCACGTCCCCATCCCCGCCATTGGCAGCCCCCAGC
 CAGCCTCTCAGCAGCACCAGCCTCAAATCCAGTGCAGACTCAGACTCAAGTGTTACCGCAGGTGAT
 TTTCTAAGGTGCGCGAGGCACACGGATCTGAGTGGGCGTAGGAGGGAAGGCGCATGGACTGGAACCTGC
 AAGTTGACTCTGGTTATGCAAGAATGTGAACAGATCAAGAGATCCTCTCAAGTGTCTATTAGATAGGCA
 ATAAGAAGTGCAGTGTAGCTGGGAAGCATCTTTAGCCGACTATACATCACTTTGTTTTGAAAACAAGGAA
 GCTGCGCTGTGCATGTGCTGCCTTTTTTATTTATTCAGGCTAACCTACAATATGTGAATCAACCCGTT
 TAATGAATCCTGGGACATGCTGATGACTGTAACTGGCCTTTCCGAGTCATAGAAAAAAAAGATGGCC
 TTTTTCTCCAGAAGTGAAGTGAACACACTTCCAGGCTATTTGAACTTCTGAAGCCCTAAAAATAAATAC
 TAAGTACAAAGCAGATTGTAACACTGAAATATGAAGATCCAGTTTCATACAAACATTTGTATGATGT
 GAATAGTTGATGGCATTTTTTTGTGCATGAAAAAAAATAATGTAATCACAGACTTTTGCCAAAGCTCTT
 ATTTTTTTTCTAAATCTCTCCAGAAAAAATGCAAGTGATTAGATTCAATTATTGATTTATTTACTTCT
 ACTTTGTATCCATGACTTCTCCGAATCAAACCAGGTATATGTTGTGACAATATCTATGGCCACTGTTAG
 CCCATTATGTTCAATCCAATTAGAAGAAATGTGAATACTATATTACGTGTTTTGAGTGACGAGTTTGGGA
 AAATAAAAAACTGTATTTTTAAAAGGGAATGCACTTAAATGAAAACAGTTATTACAAAAGTTAAGATT
 TAAAAAAAAGAAAAAGCAAGAGTTTTTATTATGATGTAATACCGGTAGAATATTGAATATTTAAAAGGCA
 CACTACATCTGATAGTCAATGTAATATTTTCTTCCAAGTTGTAAGTTTTTCATATCATGTGTGTAAG
 TTTTCTAAACGAGGCTTTAACGTAAACACTGGTACATAAACCATTCATTGCTACCTTGCTTATTGTGT
 TTTTACCGGTTTTTATACTTTTTTATGAGTTATGATAGCAGCAATTACGTTGTTTGTATTTTGTAAAC
 TAAAACAAAAATGCTTTTATCTTGTATAGAATAAACACATTTTCAGTAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Ascl-NotI
ACCN: NM_172913
Insert Size: 1728 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:	<ol style="list-style-type: none">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:	BC052044 , AAH52044
RefSeq Size:	2938 bp
RefSeq ORF:	1728 bp
Locus ID:	244579
UniProt ID:	Q80W03
Cytogenetics:	8 43.96 cM
Gene Summary:	Transcriptional coactivator of the p300/CBP-mediated transcription complex. Activates transactivation through cAMP response element (CRE) sites. Protects against cell death by inducing antiapoptotic and repressing pro-apoptotic transcripts. Stimulates transcription from the estrogen-responsive or BCL-2 promoters. Required for depolarization-induced transcription activation of the C-FOS promoter in neurons. Associates with chromatin to the estrogen-responsive C3 promoter region (By similarity).[UniProtKB/Swiss-Prot Function]