

Product datasheet for **MC201884**

Tox4 (NM_023434) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tox4 (NM_023434) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tox4
Synonyms:	5730589K01Rik; A630040M18; AA410149; LCP1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC050091 sequence for NM_023434
 TGAAGATGGAGTTTCCCGGAGGAAATGACAATTACCTGACGATCACTGGGCCCTCGCACCCCTTCTCTGTC
 AGGAGCCGAGACATTCCATACACCAAGCTTGGGCGATGAGGAATTTGAAATTCACCTATCTCCTTGGAC
 TCTGATCCCTCACTGGCTGTCTCAGATGTGGTTGGCCACTTTGATGACCTGGCAGACCCCTCCTCTTAC
 AGGATGGCAGCTTTTTCAGCTCAATACGGGGTCCAGACATTGGACATGCCTGTGGGCATGACCCATGGCTT
 GATGGAGCAGGGCGGGGGCTCCTGAGTGGGGCTTACTATGGACCTGGACCATTCTATAGGAACTCAG
 TATAGTGCCAACCCACCTGTTACAATTGATGTACCAATGACAGACATGACATCTGGCTTAATGGGACACA
 GCCAGTTGACCCTATTGATCAGTCAGAAGTCTCAACTTGGTTTGGAGTTAGGAGGTGGCACCAT
 CTTGCCACCTGCCAGTACCTGAGGATCGTCTTCAACTACTCCTTACCTACCAATTCACCTTCATGAG
 GATGGTGTGATGATTTCCGGAGGCAACTTCCCGCCAGAAGACAGTGGTAGTGGAAACAGGGAAAAAGC
 AAAAGGCTCCCAAGAAGAGAAAAAGAACCCAAATGAACCTCAGAAGCCAGTCTCTGCGTATGCATT
 GTTCTTTCGAGATACGCAGGCTGCCATCAAGGGACAAAACCCAAATGCAACCTTTGGGGAGGTATCGAAG
 ATTGTGGCTTCCATGTGGGACAGTCTTGGAGAGGAACAGAAGCAGGTGTACAAGCGGAAGACTGAGGCTG
 CCAAGAAGGAGTATCTCAAGGCACTAGTGTCTATAAAGACAACCAGGAATGCCAGGCTACTGTGGAAC
 AGTGAATTAGATCCTGTGCCACAGTACAGACTCCTTCCCACCTCCTGTGACTACTGTGACCCAGCA
 TCTCCAGCACCAGCTCAACGGAGTCTCCTGCTTTGCCCCCTTGATCATAGTGAATTCACACTTTCAT
 CTTACGTGGCAAACAGGCTCTTCTGGGCTGGAGGTACGCCCAATACTACCAAGTTGATTATTACCAA
 ACAGATGTTGCCCTTCTTATACCATGTCCCAAGGTGGAATGGTTACTGTTATCCCAGCCACAGTGGTT
 ACCTCCCGTGGGCTCCAGGTAGGCCAAACAAGTACAGCTACTATTCAGCCAAGCCAGCAGGCCCAGATTG
 TCACCCGGTCACTGTTGCGGGCAGCTGCAGCTGCTGCTTCCATGCAACTGCCTCCACCCCGACTACA
 GCCTCCTCCGTTGCAACAGATGCCTCAGCCCCAACTCAACAGCAAGTAAACCATTCTACAGCAACCCCT
 CCGCTTTCAGGCCATGCAGCAACCTCCACCTCAGAAAGTTAGAATCAACTTACAGCAGCAGCCACCACCTC
 TGCAGAGCAAGATTGTGCCTCCACCCACTCTGAAAATACAGACTACTGTGGTCCCTCCAAGTGAAGAA
 CAGTCTGAGCAGCTATGAACAGCAGCCCGAGGCCACACAGTAGAGGCAACCTCTCCTGAGACAATC
 TGTGAAATGATCGCAGATGTAGTTCCTGAGGTGGAGTCTCCTTCTCAGATGGATGTTGAATTGGTGAAGT
 GCTCCCTGTGGCACTGTACCTCAGCCTCGATGTGTGAGGTCTGGTTGTGAGAACCCTCCTGTTGTGAG
 TAAGGACTGGGACAACGAGTACTGCAGCAATGAGTGTGTGGTGAAGCACTGCAGGGATGATTCTTGGCC
 TGGGTGGCCTCTAGAAATCCAACTCTGTGGTGTGTTGTAAGTAGCCTTCGTCTTCTCCAAGCCTTGAAG
 ATTCATCTGTGAACACGAGTCCAAAAGCCTGTTTTTTGTTTTGTTTTGTTGGTTTTCCAGACAGGGTT
 TCTCTGTATAGCCCTGGCTGCTCCTGGAACCTATTTTTGTAGACCAGGCTGGCCTCGAACTCAGAAATCCA
 CCAGCTCTGCCTCCCAAGTGTGGGATTAAGGGCTGCGCCACCACCGCCGGCCAAAAGCCTGTTTTTT
 AAACACAAACTGGGCTTCTGTAGTGCCTGACCTTACCCATAGTCTTCATGCCTCCATCTCCCTTTTCT
 TTCTTCAGCAGAGGCCAGACTATGTAGCAGGGCCAGCAAATTCAGTGAATTTAGAATTGCTTTTTACTC
 TCAACTGTAAGCAAAATACCAGCTTACTAGCAAGCACAGGGAAGAGTGTGGGAGCAAATCATAGGGGT
 CATTAGAAGAAACATACCAGTAAAACGGTCAAGCAACTTGCTAGAAATGTCATTGGGCGAGTGTCTTGT
 TTGTTCTCGGCAGAAGAAGCTCTGGGAGAAGAGAGGCTTAGGGTTTCAGCTCAGTGGTAAAGTGCAGTGG
 GTTAAATCCCAAGTGAAGGAGGAATGAAAATACTGATTTAAATAAAATGTGTGATAGCCCTTTAAAG
 GGAACTATTATTGATATACACAGTGTCTATTAGGAGGAAGGTTGAAGGCCTGGGGTTATGGCTTAGCACT
 ATAAAGCTCTGAGTTTCAGACCCAGGCTGGAAGATCAGGAGTTCAAGGTATCCTTGGCCCACTAGTGAG
 TTTGAGAACAGTCTAAGACGCATGAGGTAAGGTTTTACAGAACATGGTAGCCCGTGCCTTTAATCCTAA
 TACTTTGGAAGTAGACATAGGAAGATTTTTGAGTAAGGCCAATCTGAACTTAAATCAGACTTTGTCTCAA
 AAAACAGACCCGGTGTGGTGGCACTCCCTTTAATCCTACAACCTGGGAGGCAAGAGGCAGGTTGGATCT
 CTGAGCTTGAAGTTAGCCAGGATTACCTAGTGAGATCCTATCTTAAGGTCCCTCCCTGCTCCTGACAA
 AAACACACAAATCTGTTGTCTCAGTCTTAGCACATTGGGCTAGAGGGGAAACGACATCATCCAAAACG
 ATCTTTTTCTGTACAAGTATTTCTTACCTGACTTGGTTACCAGTTTTGCATGTAAGAAGCAGAACTCTA
 TACCCCTAATAAGAGTTTTACAAGTAAGAATCTGTGTTTGTGATGAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_023434
Insert Size: 1860 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:	BC050091 , AAH50091
RefSeq Size:	3143 bp
RefSeq ORF:	1860 bp
Locus ID:	268741
UniProt ID:	Q8BU11
Cytogenetics:	14 C2
Gene Summary:	Component of the PTW/PP1 phosphatase complex, which plays a role in the control of chromatin structure and cell cycle progression during the transition from mitosis into interphase.[UniProtKB/Swiss-Prot Function]