

Product datasheet for **RN201093**

Tox2 (NM_199392) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tox2 (NM_199392) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tox2
Synonyms:	GCX-1; Gcx1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN201093 representing NM_199392
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACGTCGCCCTGTATCCCTCGGCGCCCGGGTAGGTGCGCGCCCGGGCCGAGCCGGCCGGCCTGG
 CGCACCTGGACTACTACCACTGCGGCAAGTTGATGGTGACAGTGCCCTAGTGGGGATGAGTGACGGAAA
 TCCAGAGCTCCTGTCAACCAGCCAGACCTATAACAGCCAGGGCGAGAGCAACGAAGACTATGAGATCCCT
 CCTATAACACCTCCCAATCTCCCTGAGCCATCCCTCCTGCACCTGGGGGACCACGAAGCCGGTTACCACT
 CACTGTGTACGGCCTTGCGCCAACGGTCTGCTCCCCGCTACTCGTACCAGGCAATGGATCTCCCGGC
 CATCATGGTGTCCAACATGCTGGCCAGGATGGCCACCTGCTGTCAGGACAGCTGCCACGATCCAGGAA
 ATGGTCCACTCGGAGGTAGCTGCCTATGACTCAGGCCGGCCAGGGCCCTGCTGGGCCGCCCTGCGATGC
 TGGCCAGCCACATGAGTGCCCTCAGTCAATCCCAGCTCATCTCCAGATGGGCTCCGGAGTGGCATTGC
 CCACAGCTCCCCATACCCCCAGGGAGCAAGTCAGCAACCCCGTCTCCATCCAGTCCACCCAGGAGGAG
 GAGTCAGATGCCATTTCAAGATTTTCAGGAGAGAAGAGACCCCTAACAGACCCAGGCAAAAAGGCCAAAA
 ATCCAAAGAAGAAGAAGAAGGATCCCAATGAGCCACAGAAGCCAGTGTGCGCCTACGCTCTCTTCTT
 CAGAGACTCAGGCTGCCATCAAGGGCAGAACCCAGTGCCACCTTTGGGGATGTTTTCCAAAATTGTG
 GCCTCCATGTGGGACAGCCTGGGAGAAGAGCAGAAACAGGCGTATAAGAGGAAGACCCGAAGCTGCCAAGA
 AGGAGTACCTGAAAGCCTTGGCGGCCTACAGAGCTAGCCTCGTGTCCAAGAGCCCCCGGACCAAGGCGA
 GGCCAAGAAGCCTCAGGCAAACCCAGCCAAAATGCTTCCACCAAGCAGCCCATGTACGCCATGCC
 GGCTGGCTTCTTCTGACGCCCTCCGACCTGCAGGCTTCCGACGCGCAGCCTCTCCTGCCAGCCTCG
 CCAGAACGCTGGCTCCAAGGCCCTGCTGCCAGGCCTCAGCACCTCCCCACCACCCTCTCTCCCTCT
 CAGCCCCCTCTTGACCCAGCAGCTGCCACTGCCACCCACGCGCAGGGTACCCTCCTCAGCCCCCTCTC
 AGCATGTCCCCAGCCCCGACGCTCCTGTCTGCTGCCCCATGGCACTCCAGGTGCAGCTGGCGATGA
 GCCCTCGCCTCCAGGGCCACAGGACTTCCACACATCTCTGACTTCCCCAGTGGCTCTGGCTCCCGCTC
 ACCTGGCCATCCAACCTTCCAGCAGCGGGGACTGGGATGGGAGTTACCCAGTGGGGAGCGCGGCCCTC
 GGCACCTGCAGACTCTGCAGAAGCAGCCACCAGCCACCAGCCAAAGAACCTGCAGGAACCTCTG
 CCCGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_199392

Insert Size: 1548 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_199392.2](#), [NP_955424.2](#)

RefSeq Size: 2022 bp

RefSeq ORF: 1548 bp

Locus ID: 311615

UniProt ID: [Q76IQ7](#)

Cytogenetics: 3q42

Gene Summary: acts as a transcriptional activator; may regulate follicular development and other processes related to female reproduction [RGD, Feb 2006]