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Product datasheet for MC217528

Tox2 (NM_001098799) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tox2 (NM_001098799) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tox2
Synonyms:	AI851523; AV026525; BI987407; Gcx1; RxHMG1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF:

>MC217528 representing NM_001098799
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCAGCAGCATCTCACAGAGGCTGTCGCAGGCGCGTTCTCTCGCTGCCTGGGCTTCCGTGGAATGAGGC
TCAGGCTCCTCACGAGACACTGGTGCATTGCAGGTGCGTCTCTGCAGAAGTTTGATGGTGACAGTGCCTA
CGTGGGGATGAGTGACGGAAATCCAGAGCTCCTGTCAACCAGCCAGACCTATAACAGCCAGGGCGAGAGT
AACGAAGACTATGAGATTCCTCCTATAACGCCTCCCAATCTCCCTGAGCCATCCCTCCTGCACCTGGGGG
ATCACGAAGCCGGCTACCACTCGCTGTGTCACGGCCTTGCGCCCAACGGTCTGCTCCCTGCCTACTCGTA
CCAAGCAATGGATCTCCCTGCCATCATGGTGTCCAACATGCTGGCCCAGGACGGCCATCTGCTGTCAGGC
CAGCTGCCCACGATCCAGGAAATGGTCCACTCGGAGGTGGCGGCATATGACTCAGGCCGGCCAGGGCCCC
TGCTGGGCCGCCCGGCGATGCTGGCCAGCCACATGAGTGCCCTCAGCCAGTCTCAGCTCATCTCCCAGAT
GGGTATCCGGAGTGGCATTGCTCACGGCTCCCCATCACCTCCAGGGAGCAAGTCAGCGACCCCCTCTCCA
TCCAGTTCCACACAGGAGGAGGAATCAGATGCCCATTTCAAGATCTCGGGAGAGAAGAGACCCTCAGTGG
ACCCAGGCAAAAAGGCCAAGAATCCAAAGAAGAAGAAGAAGAAGGACCCCAATGAGCCACAGAAGCCAGT
GTCGGCCTACGCTCTCTTCTTCAGAGACACTCAGGCTGCCATCAAGGGGCAGAATCCCAGTGCCACCTTT
GGAGATGTGTCCAAAATAGTGGCGTCCATGTGGGACAGCCTGGGAGAAGAGCAGAAACAGGCGTATAAGA
GGAAGACTGAAGCTGCCAAGAAGGAGTACCTGAAAGCCTTGGCGGCCTACAGAGCTAGCCTCGTGTCCAA
GAGCCCCCCGGACCAAGGTGAGGCCAAGAACACTCAGGCAAACCCACCAGCCAAAATGCTTCCACCCAAG
CAGCCCATGTACGCCATGCCCGGCCTGGCTTCCTTCCTGACGCCCTCCGACCTGCAGGCCTTCCGCAGTG
GAGCCTCTCCCGCCAGCCTTGCCAGGACGCTGGGCTCCAAGGCCCTGCTGCCGGGCCTCAGCACATCGCC
GCCACCACCCTCCTTCCCTCTCAGCCCCTCACTGCACCAGCAGCTGCCACTGCCCCCCCACGCGCAGGGC
ACTCTCCTCAGCCCGCCTCTCAGCATGTCCCCAGCCCCGCAGCCTCCTGTCCTGCCTGCCTCCATGGCAC
TCCAGGTGCAGCTGGCGATGAGCCCCTCACCTCCAGGGCCACAGGACTTCCCACACATCTCTGATTTCTC
CAGTGGCTCTGGCTCCCGCTCACCTGGCCCATCCAACCCTTCCAGCAGCGGAGACTGGGATGGGAGTTAC
CCCAGTGGGGAGCGTGGCCTCGGCACCTGCAGACTCTGCAGAGGCAGCCCACCGCCCACCACCAGCCCAA
AGAACCTGCAGGAACCTTCTGCCCGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001098799

Insert Size: 1569 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info

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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_001098799.1, NP_001092269.1
RefSeq Size:	1675 bp
RefSeq ORF:	1569 bp
Locus ID:	269389
Cytogenetics:	2

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