

Product datasheet for **RN201859**

Atox1 (NM_053359) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Atox1 (NM_053359) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Atox1
Synonyms:	Atx1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN201859 representing NM_053359 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCGAAGCACGAGTTCTCTGTGGACATGACCTGTGGAGGCTGTGCGGAAGCCGTCTCCCGAGTCCTCA
 ACAAGCTGGGAGGAGTGGAGTTCAACATTGACTTGCCCAACAAGAAGGTCTGCATTGAGTCTGAGCACAG
 CTCAGACATCTGCTGGCAACTCTCAACAAAACAGGAAAAGCGGTCTCTACCTTGCCCAAG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_053359
Insert Size:	207 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).


[View online »](#)

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_053359.2](#), [NP_445811.1](#)

RefSeq Size: 509 bp

RefSeq ORF: 207 bp

Locus ID: 84355

UniProt ID: [Q9WUC4](#)

Cytogenetics: 10q22

Gene Summary: plays a role in response to oxidative stress [RGD, Feb 2006]