

## Product datasheet for **MR200061**

### Atox1 (NM\_009720) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Atox1 (NM\_009720) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Atox1  
**Synonyms:** AI256639; Atx1  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR200061 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

**ATGCCGAAGCAGAGTTCTCCGTGGACATGACCTGTGAGGGCTGTGCTGAAGCCGTCTCCAGAGTCTCA**  
**ACAAGCTGGGAGGAGTGGAGTTCAACATTGACCTGCCAACAAGAAGGTCTGCATCGACTCTGAGCACAG**  
**CTCAGACACCCTGCTGGCAACCTCAACAAAACAGGAAAGGCTTTTCTACCTGGCCCCAAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR200061 protein sequence  
Red=Cloning site Green=Tags(s)

MPKHEFSVDMTCEGCAEAVSRVLNKLGGVEFNIDLPNKKVCIDSEHSSDTLLATLNKTGKAVSYLGPK

**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV

**Restriction Sites:** Sgfl-MluI



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RefSeq ORF: 207 bp

Locus ID: 11927

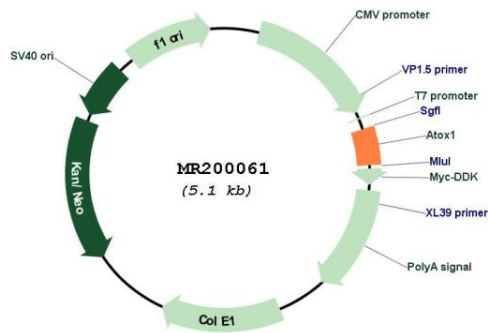
UniProt ID: [O08997](#)

Cytogenetics: 11 33.07 cM

MW: 7.3 kDa

Gene Summary: Binds and deliver cytosolic copper to the copper ATPase proteins. May be important in cellular antioxidant defense (By similarity).[UniProtKB/Swiss-Prot Function]

### Product images:



Circular map for MR200061