

Product datasheet for **MC208176**

Barx2 (NM_013800) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Barx2 (NM_013800) Mouse Untagged Clone
Tag: Tag Free
Symbol: Barx2
Synonyms: 2310006E12Rik; Barx2b
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC208176 representing NM_013800
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCAGCTGCCACGCGGAAGCTGAGGCTGAGCTCACCCGGCCAGCTCAAAGCAGCCAGGCGGCCTACAAGA
 CTTTCATGATCGATGAGATCCTCTCCAAGGAGACCTGCGACTACTTTGAGAACTTCCCTCTACTCTGT
 GTGCCCGTCGCTGGTGGTGGCACCAGCCCTGCACTCTGTACCGGTTCCCTTCCCTACGGGCATAT
 CCTCTCCTGTCTGTGATCACCCGGCAGCCACAGTCATCTCCACCTGGTCCCACCGGCTCGGGACTCA
 CCCCAGTGTTAACTCGCCATCCAGTCGCGGCTGCGGAGGCGGCGGCTGCTGCTGAGACCCCTGGTGG
 TGAGGCGTTAGCCAGCAGCGAGTCAGAGACAGAACAGCCACGCCAGGCGAGAAGAAACCACGCAGAAGT
 CGCACCATCTTACCAGGCTGCAGCTCATGGGCCATAGAGAAGAAATCCAGAAGCAGAAGTATTTGTCTA
 CCCCAGACAGGTTGGACTTGGCCAGTCTCTGGGACTCACTCAGCTGCAAGTGAAGACTTGGTATCAGAA
 TCGCAGGATGAAATGGAAGAAGATGGTCCTTAAAGGTGGACAGGAAGCACCCACAAAACCTAAGGGGCGC
 CTAAGAAGAATTCCATTCACATCAGAGGAGATTGAAGCTGAAGAGAAGATGAACAGCCAGGCTCAGA
 GCCAGGAGCTGCTGGAATCCTCGGAGAGACAGGAGGCCCTGTGATACCCAGGAGCCAAAGCGTGCCT
 TGTCCCTTGGAGGTGGCAGAACCTATTCACGAGCCAGGAGTTATCAGAAGCTTCTCTGAACCCCA
 CCATTAAGCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_013800
Insert Size: 852 bp



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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:	NM_013800.2 , NP_038828.2
RefSeq Size:	1791 bp
RefSeq ORF:	852 bp
Locus ID:	12023
UniProt ID:	O08686
Cytogenetics:	9 A4
Gene Summary:	Transcription factor. Binds optimally to the DNA consensus sequence 5'-YYTAATGRTTTY-3'. May control the expression of neural adhesion molecules such as L1 or Ng-CAM during embryonic development of both the central and peripheral nervous system. May be involved in controlling adhesive processes in keratinizing epithelia.[UniProtKB/Swiss-Prot Function]