

## Product datasheet for MC207258

### Dbx1 (NM\_001005232) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Dbx1 (NM\_001005232) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Dbx1  
**Synonyms:** A1426026; Dbx  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Fully Sequenced ORF:** >MC207258 representing NM\_001005232  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGATGTTCCCCGGCCTCCTTGCCTCCCGGGGATACCCTAGCCTCCTGCGACCCACGCCACCTTAA  
 CACTGCCCCAGTCCCTTCAATCCGATTTTCCGGCCACTCTAGTTTCTAGTAGAAGATTTGATCCGCAT  
 CAGCCGGCCTCCACCTACCTGTCCCGCAGCATAACCCGCTGCCAGCCTGTACCCCCAGTCAAGAGGCC  
 CCTGCAGCCCTCGCCGACTCGGGACCTCAGACCTGGGCTCTCCTGGTCCGGGAGCCGGCGAGGCAGTT  
 CTCACAGACCGCCCTCTCCCCTGCCAGCGAGCCACGTTTCTGAAGTTGGGGTGAATGCCATCCTTTC  
 CTGGCGCCTAGAAGAGAACTTCGCCCGCTTTGCTGCAGAGCCCTCCTCCAAGACGTTTCGCTTTC  
 TACTTCGAAGGCTCGTTCCAACCTTTATCAGATCCTCCTATTTCCAGCTTCTCCAGCGTCGTGCCTA  
 TCCTGGGACCTTCTCCTGGCCGCTGGCTGCTCGCGCAAGCCTCGCCGGGCGATGCTGCGCAGAGCCGT  
 GTTCTCTGACGTGCAGCGAAAGCCCTGGAGAAGACGTTCCAGAAGCAGAAGTACATCAGCAAGCCAGAC  
 CGGAAAAAGCTGGCCTCCAAGCTTGCTTGAAGGACTCGCAGGTGAAAATCTGTTCCAGAATCGACGCA  
 TGAATGGCGGAACCTCAAAGAGCGGAGCTCCTGTCTAGCGGGGCTGCCGAGAGCAGACCTTCCCAC  
 AAACTAAACCCCATCCAGACCTTAGTGATGTAGGCCAGAAGGGACCTGGGGATGAGGAGGAAGACAAT  
 CCGGGTGGCCGCTGGCCTACCACGCGCCCGCAGACCCGCGACATTTGCTGGAAGGGCCACTGCCTGCCT  
 CGCCGGCGCACTCGAGCAGCCCGGTAACCCGTCAGACTTCTCTGATTCTGATGAGGATGAGGAGGCCGA  
 GGAGGATGAGGAATCACGGTGTCT**AG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI



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<b>ACCN:</b>	NM_001005232
<b>Insert Size:</b>	1008 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001005232.1</a></u> , <u><a href="#">NP_001005232.1</a></u>
<b>RefSeq Size:</b>	2096 bp
<b>RefSeq ORF:</b>	1008 bp
<b>Locus ID:</b>	13172
<b>UniProt ID:</b>	<u><a href="#">P52950</a></u>
<b>Cytogenetics:</b>	7 31.44 cM
<b>Gene Summary:</b>	Could have a role in patterning the central nervous system during embryogenesis. Has a key role in regulating the distinct phenotypic features that distinguish two major classes of ventral interneurons, V0 and V1 neurons. Regulates the transcription factor profile, neurotransmitter phenotype, intraspinal migratory path and axonal trajectory of V0 neurons, features that differentiate them from an adjacent set of V1 neurons.[UniProtKB/Swiss-Prot Function]