

Product datasheet for **MC207260**

Dlx2 (NM_010054) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Dlx2 (NM_010054) Mouse Untagged Clone
Tag: Tag Free
Symbol: Dlx2
Synonyms: AW121999; Dlx-2; Tes-1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC207260 representing NM_010054
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACTGGAGTCTTTGACAGTCTGGTGGCTGATATGCACTCGACCCAGATCACCGCCTCCAGCACGTACC
 ACCAGCACAGCAGCCCCGAGCGGTGCGGGCGCCGGCCCTGGCGGCAACAGCAACAGCAGCAGCAGCAA
 CAGCAGCTGCACAAGCCCCAGGAGTCGCCAACCTCCCGGTGTCCACGGCTACGGACAGCAGCTACTAC
 ACCAACAGCAGCACCCGGCGGGCGGGCGGGGGGGCCCTCGCCCTACGCGCACATGGGCTCCTACC
 AGTACCACGCCAGCGGCCTCAACAATGTCTCTACTCCGCCAAAAGCAGCTACGACCTGGGCTACACCGC
 CGGTACACCTCCTACGGCCCTACGGCACAGTTCGTCTCCGGTCAACAACGAGCCGGACAAGGAAGAC
 CTTGAGCCTGAAATCCGAATAGTGAACGGGAAGCCAAAGAAAGTCCGGAAACACGCACCATCTACTCCA
 GTTCCAGCTGGCGGCCCTTCAACGACGCTTCCAGAAGACCCAGTATCTGGCCCTGCCAGAGCGAGCCGA
 GCTGGCGGCGTCCCTGGGCTCACCCAACTCAGGTCAAATCTGGTCCAGAACCGCCGATCCAAGTTC
 AAGAAGATGTGGAAAAGCGGCGAGATACCACCGAGCAGCACCCCTGGAGCCAGCGCTTCTCTCTTG
 CCTCCCCCGGTCTCGGCGCCAGCATCCTGGGACTTCGGCGCCCGCAGCGGATGGCTGGCGGCGGCC
 GGGCAGCGGAGGCGGCGGTGCGGGCAGCTCTGGCTCCAGCCCAGCAGCGCCCTCGGCCCTTCTGGGA
 AACTACCCGTGGTACCACAGGCTTCGGGCTCCGCTTACACCTGCAGGCCACAGCGCCACTTCTGCATC
 CTTGCGAGACTCCGAGGCGCACCATCACCAATCACCAACACCGCAGGCGGGGGCGCCCGGTGAG
 CGCGGGGACGATTTTCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja3434_e02.zip



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_010054
Insert Size:	999 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).
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_010054.2 , NP_034184.1
RefSeq Size:	2492 bp
RefSeq ORF:	999 bp
Locus ID:	13392
UniProt ID:	P40764
Cytogenetics:	2 42.65 cM
Gene Summary:	Acts as a transcriptional activator (PubMed:21875655). Plays a role in terminal differentiation of interneurons, such as amacrine and bipolar cells in the developing retina (PubMed:21875655). Likely to play a regulatory role in the development of the ventral forebrain (PubMed:1678612). May play a role in craniofacial patterning and morphogenesis (PubMed:1678612).[UniProtKB/Swiss-Prot Function]