

Product datasheet for **MC208274**

Cdx2 (NM_007673) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cdx2 (NM_007673) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cdx2
Synonyms:	Cdx-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_007673, the custom clone sequence may differ by one or more nucleotides

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ATGTACGTGAGCTACCTTCTGGACAAGGACGTGAGCATGTATCCTAGCTCCGTGCGCCACTCCGGCGGCC  
TGAACCTGGCTCCGCAGAACTTTGTCAGTCCTCCGAGTACCCGGACTACGGTGGTTACCACGTGGCGGC  
CGCGGGCGGCTGCTACGGCGAACTTGACAGCGCTCAGTCCCCAGGGCCATCCTGGCCACC CGGTACGGC  
GCCCTCTCCGCGAGGACTGGAATGGCTACGCACCCGGGGGCGCTGCGGCAGCCAACCGGTAAGCCACG  
GTCTCAATGGTGGCTCCCCGGCCCGCTATGGGCTACAGCAGCCCCGCCGAATACCACGCGACCATCA  
CCCGCATCATCACCCGCACCATCCGGCCGCTCGCGTCTCGCCTCCGGCTTGTGCAGACGCTCAAC  
CTCGGCCCCCGGGCCCGCAGCCACCGCCGCCGGAACAGCTGTCCCCAGCGCCAGCGGCGAAACC  
TGTGCGAGTGGATGCGGAAGCCCGCGCAGCAGTCCCTAGGAAGCCAAGTAAAACCAGGACAAAAGACAA  
ATACCGGGTGGTGTACACAGACCATCAGCGGCTGGAGCTGGAGAAGGAGTTTCACTTTAGTCGATACATC  
ACCATCAGGAGGAAAAGTGAAGTGGCTGCCACACTTGGGCTCTCCGAGAGGCAGGTTAAAATTTGGTTTC  
AGAACCGCAGAGCCAAGGAGAGGAAAAAACAAGAAGAAGCAGCAGCAACAGCAGCAGCAACAACA  
GCCTCCACAGCCGCCCAACCTTCCAGCCTCAGCCGGGTGCCCTGCGGAGCGTGCCGGAGCCCTTG  
AGTCTGTGACCTCCTTGCAAGGCTCAGTGCCTGGTTCTGTCCCTGGGGTCTGGGGCCAGCTGGAGGGG  
TTTTAACTCCACTGTCACCCAGTGA
```

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_007673
Insert Size:	936 bp



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OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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:

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: [BC103517](#), [AAI03518](#)

RefSeq Size: 1834 bp

RefSeq ORF: 936 bp

Locus ID: 12591

UniProt ID: [P43241](#)

Cytogenetics: 5 86.86 cM

Gene Summary: Involved in the transcriptional regulation of multiple genes expressed in the intestinal epithelium. Important in broad range of functions from early differentiation to maintenance of the intestinal epithelial lining of both the small and large intestine. Binds preferentially to methylated DNA.[UniProtKB/Swiss-Prot Function]