

Product datasheet for MC201231

Cdx1 (NM_009880) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cdx1 (NM_009880) Mouse Untagged Clone
Tag: Tag Free
Symbol: Cdx1
Synonyms: Cdx; Cdx-1
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC019986 sequence for NM_009880
 GCAGTCGCTGGTCTCGGGCGGCCGGCCGGCGCGGCTCCAGGGCCAGCATGCGCGGGGACCCCT
 GCGGTACCATGTACGTGGGCTATGTGCTGGACAAGGACTCCCCCGTGTACCAAGGCCCGCCAGACCCCT
 CCAGCCTCGGCCCTCGGCCCTCCGACCTATGCGCCCCCTGGCCCGCGCCCGCGCCCCGAGTACCCCGA
 CTTTCGCGGGTTACACGCACGTGGAGCCGGCGCCCGCGCCCCCTCCGACCTGGGCTGCGCCCTTCCCTGCG
 CCCAAGGACGACTGGGACGTGCCTATGGCCCGGGCCCCACGGCCTCAGCCGCCAGCCCGGCCCGCTGG
 CCTTCGGGCCCTCCGGACTTTAGCCCGGTGCCCGCCTCCCGGGCCTGGTCCCGGCATCCTGGCGCA
 GTCCCTCGGGGCTCCGGGCGCACCGTCTCGCCAGGAGCGCAAGGGCGGACGCCCTACGAATGGATGCGG
 CGCAGCGTGGCGGCTGCAGGCGGCGGTGGCAGCGGTAAGACCCGAACCAAGGACAAGTACCGTGTGGTCT
 ACACAGACCACCAACGCCTAGAGCTGAAAAGGAGTTTACTACAGCCGGTACATCACTATCCGGCGCAA
 GTCGAGCTGGTGTAACTGGGGCTCACAGAGCGGCAGGTAAGATCTGGTTCAGAACCAGCCCGGGCC
 AAGGAGCGCAAAGTAAACAAGAAGAAACAGCAGCAGCAGAGCCCTGCCTCCCACACAGCTGCCCTGC
 CCCTGGATGGCACTCCCACACCATCAGGGCCACCCCTAGGAAAGTCTATGCCCTACTAATGCTGGCCTTCT
 GGGCACCCCTCCCAAGTCCCGTCAAGGAGGAGTTTCTACCCTAGCCCTTGCAGCCTGGGGTCTAGGG
 ATCTAGGGACTTGAATGCTGGGAGCTGGCTTTTCTGGGGCCCAAGGACCTGTTCTGAGTTGCAGCCCTG
 CTGCTGCCCTTTGGGGTCACTGTGGACAACTGCCTACCTAGGACAAGTAGCTTGCCTCTTCTGCCTT
 CCGTTGGCTGGGCTGTGTGGTGAACCTGTTGGACAAGGACCTCTCCAGCTCTTGTGTCTAGGCCACAG
 GGTGATGGGAAGCCCAATGAGAAGTCTCAATCACCTGGAGATTTCCAAGATTCCAGAGGCTCAACGAG
 CTGTCAAGACAAGATTGAGGCTTACCCTCTCCTCAAGGTTCCAGAGTGAAGTGGGAGGCTGGTATCT
 GGACCAGACTGGCTCTGGAGAGTAGGCGGCAATGAAAGAAGGTGGTACACCAGAGTCTAGACTCCCATGT
 GAAGCACAAAGGATGCTATCTGCCCCACCTGTCTCCTTCCAGCCTCACTTTACCTGCCCTAGCACCCC
 ATGCTCTGCCCTCCCAGCCTGGAGCTACAAAGCCATCAGGACTGGACATGAGGTAGAGGCTGGCAAT
 TGGCCACTGCTCTTGAGACAGAAGTCCGCCCTCCTTAGTGTCCAGGGAGGCTGCGGATGGAGAGGAAG
 GCTCTATGAGTCTACCTACCTGCTCATGCCACCTTCCCACAGGCTGCCATCACACCCAGGGAGCCCC
 AGACCATGGGGGACTCGCAGCTGTACAGGGCTTATGTAGAGTGAATCTCTTGGATGCAGCTTCAGAAAT
 AAGTTTTCCCTTTTAAACAATTTATAAAAATCATAATGTCATTAAAGGAATTTTTTAAAAAGTTAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA



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Restriction Sites:	RsrII-NotI
ACCN:	NM_009880
Insert Size:	807 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:	BC019986 , AAH19986
RefSeq Size:	1778 bp
RefSeq ORF:	807 bp
Locus ID:	12590
UniProt ID:	P18111
Cytogenetics:	18 34.41 cM
Gene Summary:	Plays a role in transcriptional regulation. Involved in activated KRAS-mediated transcriptional activation of PRKD1 in colorectal cancer (CRC) cells. Binds to the PRKD1 promoter in colorectal cancer (CRC) cells. Could play a role in the terminal differentiation of the intestine. Binds preferentially to methylated DNA.[UniProtKB/Swiss-Prot Function]