

Product datasheet for **MC220685**

Dixdc1 (NM_178118) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dixdc1 (NM_178118) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dixdc1
Synonyms:	4930563F16Rik; BC048182; Ccd1; Ccd1Aalpha1L; Ccd1Abeta1L; Ccd1BalphaL; Ccd1BbetaL
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >MC220685 representing NM_178118
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCTAGCCTGCTTGACCCGCGGAACTTACTGGACGCTCTGCAAGAGGGCTTCAATGAGCAACAGCTAC
 AGGCCTACGTGGCTGGGTGAATGCCAGCTGAAGAAGAGGCCATCCGTGAAGCCTGTGCAGGACCTGCG
 ACAGGATCTCCGAGATGGGGTATCCTGCCTATCTCATCGAGATTGTTGGTCAGTTGGCCTTGGACTCT
 GATGCTAGTGTAGACGAGAGAACTGACTTCTTTCTTCTCCATTGCCCCTCAAAGCAGCAGGAGAAAAGC
 TGACTGGAGTGCAGCTGAGTCCCAGTAACCAACAAGAGATGAAGAGTAATGTGGAGAGGGTCTTTCAGTT
 TGTGGCTTCCAAAAGATTTCGGATGCATCAGACGTCAGCGAAAGATATTGTGGAAGGAACTGAAGTCC
 ATCATGAGGCTGGTCCTTGCCTTGGCAGCTCATTTAAACCTGGCTCTAGCAGGACAGTGAGCCAGGGGC
 GAGACTCAAAGCCCCGTGCAGAGTCATCAACCACACTGTGCCACCGCTGTGGCCCAAGGAGCCGCTGC
 TGCTCTGGCTGATGTGTGCCATGACGTGTACGGTCAGGACGGGATGTCTCCGATACAGACAGAGGAAC
 GCCAGCGTGGATGGAGAGATTGAGAACCATACTGGAGTGTGCGGGCTCTTGTGCAGCAATATGAAGGTC
 AACAGAAGTCCCCATCTGAGTCTAGCTGTCCAGTCTGACTTACCCAGTCCAATCCACAGTGTCTAAGAG
 CGAATCCATTATAACCCAGGCAGAGGAAAAGGCCGATTTTCGTGATCATTCCCTCTGAAGGAATAGAGAAC
 AGAACAGATGAGCCAGACTCTCCATCATCCCGAGACTGGAGACCTGGGAGCCGGGAACTACCTGGAAG
 CCACATGGGAAGAACAGCTGTTGGAGCAACAAGAACACTTAGAAAAAGAAATGGAGGAAGCAAAGAAAAT
 GATTTCAAGACTCCAGGCTTTGCTACTCAATGGCTCTCTGCCGGAGGATGAACAGGAGCGACCCGTGGCT
 CTTTGTGAACCAGGAGTCAATCCCGAGGAACAGCTGATTATAATCCGAAGCCGCTGGATCAGAGTGTGG
 AGGAGAAATCAGGACCTTAAGAAAGAACTGCTGAAATGCAAACAAGAAGCCAGAACTACAGGGGATAAA
 GGATGCCCTTGCAGCAGAGGTTGACTCAGCAGGACACATCTGTTCTTCAGCTCAAGCAAGAGCTGCTGAGG
 GCAAATATGGATAAGGATGAGCTGCACAACCAGAACGTGGATCTGCAGAGGAAGCTAGAGGAGAGGAACC
 GGCTCTTAGGAGAATATAAAAAAGAGTTGGGGCAGAAGGACCGCCTCTTTCAGCAGCAGCAGGCCAAGTT
 GGAAGAGGCGCTTCGAAACTCTCGGACGCCAGTTACCAGCAGGTGGATCTAGAACGGGAGCTAGAGCAG
 AAAGATGTCCTTCTGGCTCACTGCATGAAAGGAGAGACAGATGAGGTGACAAATTACAACAGTCAAGTT
 CTCAGCGCAATGGCTTTGTCCTTCCCGTGGCAGGAAGAGGCGCCACTACTGTCACCCACAGAGGGCCACA
 GACCAGTGACCTCCAGCTCGTCCGAGATGCTCTCCGCAGCCTGCGCAACAGCTTTCAGTGGCCATGACCT
 CAGCATCACACATTGACAGCCTGGAGCAGGGAATCTCTAGCCTCATGGAGCGTCTGCATGTCGTAGAGA
 CACAGAAGAAACAAGAAAGGAAGTTGGGGGGCGGTACCAGAAATCAAGCAAGCAGTGAATACCGGGC
 ATCCTGGCCCCCTAATCAACGTTGCCTCACTCCAGAGTTCCCCAGCCGTCAGCAGCACCTGCACTAAG
 GTGCTCTATTTACCCGACCGCTCGCTCACGCCCTTCATGGTCAATATTCCAAAGAGGTTGGGGGAGGTGA
 CACTGAAGGATTTAAAGCAGCTATTGATCGGGAAGGGAATCACCAGTACCACCTCAAAGCACTGGATCC
 CGAGTTTGGCACAGTCAAAGAAGAGGTTTTCCATGATGACGATGCCATCCCTGGATGGGAAGGAAAAATC
 GTAGCCTGGGTGGAAGAAGACCATAGAGAGAAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_178118
Insert Size: 2136 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:	<u>NM_178118.2</u> , <u>NP_835219.1</u>
RefSeq Size:	5718 bp
RefSeq ORF:	2136 bp
Locus ID:	330938
UniProt ID:	<u>Q80Y83</u>
Cytogenetics:	9 A5.3
Gene Summary:	Positive effector of the Wnt signaling pathway; activates WNT3A signaling via DVL2. Regulates JNK activation by AXIN1 and DVL2.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).