

Product datasheet for **RN201773**

Dixdc1 (NM_001037654) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dixdc1 (NM_001037654) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dixdc1
Synonyms:	Ccd1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN201773 representing NM_001037654
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCTGAGCTCTGCCACGTTAGATGAAACGGTGGAGCTGAGAGCTGGAGAAGAGCCGCTGACGCTTCAC
 TGGGGCAACAGCTACAGGCCTATGTGGCCTGGGTGAATGCCAGCTGAAGAAGAGGCCATCCGTGAAGCC
 TGTGCAGGACCTGCGACAGGATCTCCGAGATGGAGTAATCCTGGCCTATCTCATCGAGATTGTTGCAGGA
 GAAAACTGAGCGGAGTACAGTTGAGTCTAGTAACCAGCAGGAGATGAAGAGCAATGTGGAGAGGGTCC
 TACAGTTTGTGGCTTCCAAAAATATTTCGTATGCACCAGACTTCGGCTAAAGATATTGTGGAAGGAAACCT
 GAAGTCTATCATGAGGCTGGTCTTGCCTTGGCAGCTCATTTTAAACCTGGCTCTAGCAGGACGGTGAAC
 CAGGGGCGAGACTCCAGAACCTCTGTGCAGAGTCATCAACCACACTGTGCCACCGCTGTGGCCCAAGGAG
 CAGCGGCTGCTCTGGCTGATGTGTGCCATGACGTGTACGGTACGGACGGGATGTCTTCAGATACAGACA
 GAGGAATGCCAGTGTGGATGAGGAGATCGAGAACCATACTGGAGTGTGCGAGCACTTGTGCAGCAATAC
 GAAGGCCAGCAAAGGTCCCATCTGAGTCCAGCTGCTCCAGTCTGACTTACCCAGTCCAATTCACAGTG
 CAAAGAGCGAATCCATTATAACCCAGTCAGAGGAAAAGGCCGATTTTGTGATTATTCCTCTGAAGGAAT
 AGAGAACAGAACAGACGAGACAGGCTCTCCATTATCCCGAGACTGGAGGCCGGGAAGCCAGGAACCTAC
 CTGGAAGCCACATGGGAAGAACAACCTGTTGGAGCAACAAGAACAACCTTGGAAAAAGAAATGGAGGAAGCCA
 AGAAAAATGATTTACAGGACTACAGGCCTTGTACTCAATGGCTCTCTACCGGAGGATGAACAGGAAAGACC
 GGTGGCCCTCTGTGAACAGGAGTCAATCCCGAGGAACAGCTGATTATAATCCGAAGCCGCTCTGGATCAA
 AGTATGGAGGAGAATCAGGACCTTAAGAAAGAAGTCTGAAATGCAAACAAGAAGCCAGAAACTTACAGG
 GGATAAAGGATGCCTTGCAGCAGAGGTTGACTCAGCAGGACACGTCGGTCTTTCAGCTCAAGCAAGAGCT
 GCTGAGGGCAAATATGGATAAAGGATGAGCTGCACAACCAGAATGTGGATCTGCAGAGGAAGCTTGACGAG
 AGGAACCGGCTCTTAGGAGAATATAAAAAAGATCTGGGACAGAAGGACCGCCTTCTTCAACAGCAGCAGG
 CCAAGTTGGAAGATGCTCTTCGAAAACCTCTCAGACGCCAGTTACCAGCAGGTGGATCTAGAACGGGAGCT
 AGAGCAAAAAGATGTCCTTCTGGCTCACCGCGTGAAAGGAGACACAGATGAGAGCAGTGACCTCCAGCTC
 GTCCGAGATGCTCTACGTAGCCTGCGAAACAGCTTCAGTGGTCATGACCCTCAGCATCACACATTGACA
 GCCTGGAGCAGGGAATCTAGCCTCATAGAGCGTCTGCATGTATAGAGACACAGAAGAAACAGGAAAG
 GAAGTTTCGGGGCGGTACCCAGAAATCAAGCAAGCAGTGAATATCGAGCCTCCTGGCCCCCAATTCC
 ACGTTGCCTCACTCCAGAGCTCCCGGCCGTCAGCAACACCTGCACTAAAGTGTCTACTTTCACGGACC
 GCTCACTACGCCCTTATGGTCAATATACCAAGAGGCTGGGGGAGGTGACACTGAAGGACTTTAAAGC
 AGCTATTGATCGAGAAGGGAGTACCGGTACCCTTCAAAGCACTGGATCCCGAGTTTGGCACTGTCAAA
 GAGGAGTTTTTCATGATGATGATGCCATCCCTGGATGGGAAGGGAAAATCGTAGCCTGGGAAAGAGGAC
 TAACACCAGAGGACACTGAGAAGTTTCTAACTCGTGTGCCAAAAAGAAGCTTCTCAAGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM_001037654
- Insert Size:** 2025 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:

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_001037654.1](#), [NP_001032743.1](#)

RefSeq Size: 5412 bp

RefSeq ORF: 2025 bp

Locus ID: 363062

UniProt ID: [Q2VUH7](#)

Cytogenetics: 8q23

Gene Summary: Positive effector of the Wnt signaling pathway; activates WNT3A signaling via DVL2. Regulates JNK activation by AXIN1 and DVL2 (By similarity).[UniProtKB/Swiss-Prot Function]