

Product datasheet for MC215403

Dcdc2b (NM_001195730) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Dcdc2b (NM_001195730) Mouse Untagged Clone
Tag: Tag Free
Symbol: Dcdc2b
Synonyms: Gm1366; Gm12964; OTTMUSG00000009523
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC215403 representing NM_001195730
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAGCCAAGAGGATATTGGTGTATCGAAATGGGGATGCCTTCTTCCAGGCCACCAGCTGGTGGTGA
 CCCAACCGCGCTACCCACCATGGAGGCTTTGCTTTATGAGGTGACATCAGCTGTGCAAGCCCCGCTGGC
 TGTACGTGCTCTACACACTTAGTGATGGCCACCCTGTTACCACTTGGCTGACCTACAGAACGGAGGA
 CAGTATGTGGCTGCTGGCTTTGAACGATTCCACAAGATCCAGAGTCTCGGGGATCCTTCCCTTACTTGG
 CTGTTCTCTGTCTCAGTGTGTTCAAGAACGGGACCTGCTAAGTCCCCCTTTAGTCTAAAGCTGTCCCA
 GACTGCCATCCAGGACTGGGACACGGTGTGAAGCTGCTCAGTGAGAAGGTTACGTTACAGAGTGGGGCT
 GTACACAAACTCTGCACCCTCGAGGGGCTTCCACTGTCCACAGGGACTGCTCTGGTGAACGGCCATTACT
 ACGTGGCTGTTGGAGAAGAAGAATTCAAGGCCCTGCCCTATATGGAGCTGCTGGTGGCCAGCCCCCTCT
 GTCCAGGGGCTGCTGGTGTCTCCAGGCCTGAAGTACAAAGCCCACAGGAAGAGGGTCCAGGGCTACAAG
 GCCTCAGCAGCCCAGCCTTTTCCAAAGGAGCCAGGGGAACTGGGCCATCCAATTTCTATGCCAGCCCC
 AGCAGCCCTGGAGCAAGCTCCCTGCTCTCATCTCCATCAGGAGTTACGGGAGTGTATGGGGCTCCATA
 CCCGAGGAAGGAGACGGCTGGGGCTCAGGAAGTGAATGAGGATGAGAACACGCACAGAGGAGCCTGTG
 GATCAGCCAGCCAAAGCACT**GTA**A

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001195730
Insert Size: 864 bp



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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_001195730.1</u> , <u>NP_001182659.1</u>
RefSeq Size:	864 bp
RefSeq ORF:	864 bp
Locus ID:	100504491
Cytogenetics:	4 D2.2
Gene Summary:	This gene encodes a member of the doublecortin family. The protein encoded by this gene contains two doublecortin domains. The doublecortin domain has been demonstrated to bind tubulin and enhance microtubule polymerization. [provided by RefSeq, Oct 2011]