

## Product datasheet for **RN209075**

### **Dcbld2 (NM\_130419) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Dcbld2 (NM_130419) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dcbld2
Synonyms:	Esdn
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN209075 representing NM\_130419  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCGAGCCGGGCGCCGCTGAGAGCCGCGCGCAGCCCGCAGGATCCCGAGGCCGGGCCGCGCCCGCCG  
 CCACCGGCCGGGCCCGCTGCCAGCGCCGGCTGGTGTCCCTCCCTCCTGGCCGCAACTCCTCCTCCAG  
 GCCTCGGCTGCTCCTTCTACTGCTCCTACTGCTCCCGGACGCTGGAGCCAGAAAGGTGATGGATGTGGA  
 CACACTGTACTAGGCCCTGAGAGTGAACCCCTTACATCCATCAACTACCCACATACCTATCCTAACAGTA  
 CTGTGTGTAATGGGAGATTCGAGTAAAGACGGGAGAAAGAATTCGCATCAAGTTCGGTGACTTTGACAT  
 TGAAGATTCTGATTATTGTCACCTTAATTACCTGAAAATCTTTAATGGAATTGGAGTCAGCAGAACGGAA  
 ATAGGCAAGTACTGTGGTCTGGGTTTACAAATGAATCAGTCAATTGAGTCCAAAGGCAGTGAATCACAG  
 TGCTGTTTCATGAGTGAATCCATGCTTCTGGTCGAGGATTTTTGGCTTCTTACTCAGTTATAGATAAACA  
 AGATTTAATCACTTGTGGATACTGTATCTAATTTTTTGAACCTGAGTTCAGTAAGTACTGCCAGCT  
 GGCTGTCTGCTGCCTTTTGTGAAATATCTGGAACGATTCCTCATGGATATAGAGATTTCCACCGCTGT  
 GTATGGCTGGAATCCATGCAGGAGTAGTGTGAGATGTGCTGGGTGGCCAAATCAGCGTTGTGATTAGCAA  
 AGGCACCCCATATTACGAAAGTTCTTTGGCCAACAATGCACTCCATGGTGGGATACTTATCTACGAGT  
 CTGTTTACATTTAAGACAAGTGGTTGCTATGGACTCTAGGATGGAGTCAGGTGTGATCGCCGATCCCC  
 AGATAACAGCATCATCTGACTGGAGTGGACTGACCACATGGGGCAGGAGAACAGCTGGAACCCGAGAA  
 GGCCAGGCTGAGAAAACCGGGCCCTCCCTGGGCTGCTTTTCCACTGATGAGCATCAGTGGCTGCAAATT  
 GACCTTAATAAGGAGAAGAAGATAACAGGCATCGTAACCACTGGATCTACCCTGATAGAGACAATTACT  
 ATGTGTCTGCCTACAGAGTTCTGTACAGTGACGATGGGCAGAAATGGACTGTGTACAGAGACCTGGTGC  
 GGCTCAGGACAAGATATTTCAAGGAAACAAAGATTATCACAAGGATGTTGTAATAACTTTTTGCCACCA  
 ATTATTGCACGTTTCATTAGAGTGAACCTGTCCAGTGGCAACAGAAAATGGCCATGAAAGTGAATTGC  
 TGGGATGTCAGTTCCTCTGAAAGTTCGCTTCCAAAGCTTACTCAACCTCCCCACCTCGGAACAGCAA  
 TAACCTCAAAAACACTACAGTTCATCCAAACTAGGTCGTGCCCTAAATTTACTCAAGCACTCCAACCA  
 CGAAGTAGGAATGACCTTCTCTGCTGCCGCCAGACAAGTCCACTCCTGATGTCAAAAAACGACTG  
 TGACTCCAGTGTGACCAAAGATGTTGCACTGGCCGCGTTCTGGTTCCTGTGCTGGTATGGCCCTCAC  
 CACTCATCCTCATTCTAGTGTGCTTGGCATTGGAGAAACAGAAAGAAAAAGCCGAAGGCACCTAT  
 GATTTACCCCACTGGGATCGGGCAGGCTGGTGGAAAGGAGTGAAGCAGCTTCTCCCTGCCAAATCGGTGG  
 AACACGAGGAGACGCCAGTGCCTACAGCAACAGTGAAGTTAGTCACCTGAGCCCGAGGGAAGTCACGAC  
 AGTGTGCAAGCTGATTCTGCAGAATACGCACAGCCCTCGTGGGAGGAATTGTTGGCACACTCCATCAG  
 AGATCTACCTTTAAACCTGAAGAAGGAAAAAGAGCGAGCTACGCAGATCTAGACCCTACAACGCTCCAG  
 TACAGGAAGTGTATATGCCTACGCTGAGCCGCTGCCGGTAACGGGGCCTGAGTACGCAACCCCAATCGT  
 CATGGACATGTCAGGGCACTCCACAGCCTCAGTTGGTCTGCCCTCCACATCCACTTTCAGAACTGCAGGG  
 AACCAGCCTCCCGCATTAGTGGGAATTAACAACACTCTTCTCCAGGACTGACAGCTGTTCTCCGGGCC  
 AGGCTCAGTACGACACCCAAAAGGTGGGAAGCCAGCAGCTGCCCCAGAGGAAGTGGTGTACCAGGTGCC  
 GCAGAGCACCCAGGAAGCATCAGGAGCAGGAAGGGATGAGAAATTTGATGCTTTTAAAGAAACCCTT**G**A

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_130419  
**Insert Size:** 2310 bp

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_130419.1</a> , <a href="#">NP_569103.1</a>
<b>RefSeq Size:</b>	2339 bp
<b>RefSeq ORF:</b>	2310 bp
<b>Locus ID:</b>	155696
<b>UniProt ID:</b>	<a href="#">Q91ZV2</a>
<b>Cytogenetics:</b>	11q12
<b>Gene Summary:</b>	may mediate vascular cell growth [RGD, Feb 2006]