

## Product datasheet for **RC207830**

### DCBLD1 (NM\_173674) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	DCBLD1 (NM_173674) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	DCBLD1
Synonyms:	dj94G16.1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>RC207830 representing NM\_173674  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGTGCCCGCGCCCGCGGGCGGCGGCGACTGGCGGGGCTGCCGGCGGGGCCTCCTGGCTTTGCTGC  
 TCGCGGTCTCCGCCCGCTCCGGCTGCAGGCGGAGGAGCTGGGTGATGGCTGTGGACACCTAGTGACTTA  
 TCAGGATAGTGGCACAATGACATCTAAGAATTATCCCGGACCTACCCCAATCACACTGTTTGCGAAAAG  
 ACAATTACAGTACCAAAGGGGAAAAGACTGATTCTGAGGTTGGGAGATTTGGATATCGAATCCCAGACCT  
 GTGCTTCTGACTATCTTCTTTACCAGCTCTTCAGATCAATATGGTCCATACTGTGGAAGTATGACTGT  
 TCCCAAAGAACTTTGTTGAACACAAGTGAAGTAAACCGTCCGCTTTGAGAGTGGATCCCACATTTCTGGC  
 CGGGTTTTTTGCTGACCTATGCGAGCAGCGACCATCCAGATTTAATAACATGTTTGAACGAGCTAGCC  
 ATTTATTTGAAGACAGAATACAGCAAATCTGCCAGCTGGTTGTAGAGACGTAGCAGGAGACATTTCTGG  
 GAATATGGTAGATGGATATAGAGATACCTTTTATTGTGCAAAGCTGCCATCCATGCAGGAATAATTGCT  
 GATGAAGTGGTGGCCAGATCAGTGTGCTTCAGCGCAAAGGGATCAGTCGATATGAAGGGATTCTGGCCA  
 ATGGTGTCTTTGAGGGATGGTTCCTGTGAGACAAGCGATTTCTGTTTACCTCCAATGTTTGCAGCAG  
 ATCCTTGAGTTTTGAACCTGACGGGCAAATCAGAGCTTCTTCCATGGCAGTCGGTCAATGAGAGTGA  
 GACCAAGTTCAGTGGTCTCCTGGCCAAGCCGACTTCAGGACCAAGGCCATCATGGGCTTCGGGCGACA  
 GTAGCAACAACCAAAACCACGAGAGTGGCTGGAGATCGATTTGGGGGAGAAAAGAAAATAACAGGAAT  
 TAGGACCACAGGATCTACACAGTCGAACCTCACTTTTATGTTAAGAGTTTTGTGATGAACCTCAAAAAC  
 AATAATTCTAAGTGAAGACCTATAAAGGAATTGTGAATAATGAAGAAAAGGTGTTTCAGGGTGTCTCTCA  
 ACTTTCCGGGACCCAGTGCAAAACAATTTTCACTCCCTCCATCGTGGCCAGATATGTGCGGGTTGCCCCCA  
 GACATGGCACCAGAGGATAGCCTTGAAGGTGGAGCTCATTGGTTGCCAGATTACACAAGGTAATGATTCA  
 TTGGTGTGGCGCAAGACAAGTCAAAGCACCAGTGTTCACCTAAGAAAAGAGATGAGACAATCACAGGC  
 CCATCCCTCGGAAGAAACATCCACAGGAATAACATTACAACGGTGGCTATTCCATTGGTCTCCTTGT  
 TGTCTGGTGTGCTGGAATGGGGATCTTTCAGCCTTTAGAAAAGAAGAAGAAGAAAGGAGTCCGTAT  
 GGATCAGCAGAGGCTCAGAAAACAGACTGTTGGAAGCAGATTAATATCCCTTGGCCAGACATCAGTCAG  
 CTGAGTTTACCATCAGCTATGATAATGAGAAGGAGATGACACAAAAGTTAGATCTCATCACAAAGTATAT  
 GGCAGGT

**ACGCGT**ACGCGGCGGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC207830 representing NM\_173674  
 Red=Cloning site Green=Tags(s)

MVPGARGGALARAAGRLLALLLAVSAPLRLQAEELGDGCGHLVYQDSGMTSKNYPGTYPNHTVCEK  
 TITVPGKRLILRLGDLIDIESQTCASDYLLFTSSDQYGPYCGSMTVPKELLNTSEVTVRFESGSHISG  
 RGFLLTYASSDHPDLITCLERASHYLKTEYSKFCPAGCRDVAGDISGNMVDGYRDTSLCKAAIHAGIIA  
 DELGGQISVLQRKGISRYEILANGVLSRDGSLSDKRFLFTSNGCSRSLSEFPDQQRASSWQSVNESG  
 DQVHWSPQARLQDQPSWASGDSSNNHKPREWLEIDLGEKKITGIRTTGSTQSNFNFYKSFVMNFKN  
 NNSKWKTYKIVNNEEKVFGNSNFRDPVQNNFIPPIVARYVVRVVPQWHQRIALKVELIGCQITQGNDS  
 LVWRKTSQSTS SVTKKEDEITIRPIPSEETSTGINITVAIPLVLLVLFVAGMIFAAFRKKKKKGSFY  
 GSAAEQKTDCKWQIKYPFARHQSAEFTISYDNEKEMTQKLDLITSDMAG

**TR**TRPLEQKLI SEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/mk8078\\_d01.zip](https://cdn.origene.com/chromatograms/mk8078_d01.zip)

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**

**ACCN:** NM\_173674

**ORF Size:** 1617 bp

**OTI Disclaimer:** Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

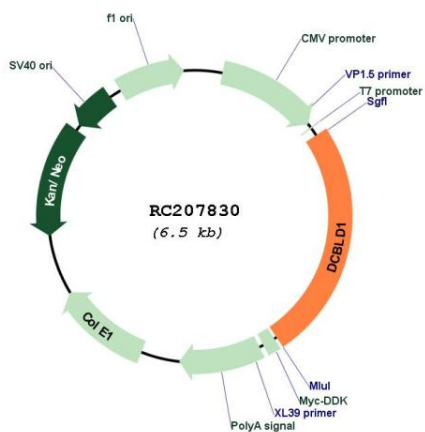
**Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

- 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\\_173674.2](#)

RefSeq Size: 2010 bp  
 RefSeq ORF: 1620 bp  
 Locus ID: 285761  
 UniProt ID: [Q8N8Z6](#)  
 Cytogenetics: 6q22.1  
 Protein Families: Transmembrane  
 MW: 59 kDa

**Product images:**



Circular map for RC207830