

Product datasheet for **RG207830**

DCBLD1 (NM_173674) Human Tagged ORF Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | DCBLD1 (NM_173674) Human Tagged ORF Clone |
| Tag: | TurboGFP |
| Symbol: | DCBLD1 |
| Synonyms: | dj94G16.1 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-AC-GFP (PS100010) |
| E. coli Selection: | Ampicillin (100 ug/mL) |



[View online »](#)

ORF Nucleotide Sequence:

>RG207830 representing NM_173674
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGTGCCCGCGCCCGCGCGCGCGCGCACTGGCGCGGGCTGCCGGCGGGGCCTCCTGGCTTTGCTGC
 TCGCGGTCTCCGCCCGCTCCGGCTGCAGGCGGAGGAGCTGGGTGATGGCTGTGGACACCTAGTGACTTA
 TCAGGATAGTGGCACAATGACATCTAAGAATTATCCCGGACCTACCCCAATCACACTGTTTGCGAAAAG
 ACAATTACAGTACCAAAGGGGAAAAGACTGATTCTGAGGTTGGGAGATTTGGATATCGAATCCCAGACCT
 GTGCTTCTGACTATCTTCTTTACCAGCTCTTCAGATCAATATGGTCCATACTGTGGAAGTATGACTGT
 TCCCAAAGAACTTTGTTGAACACAAGTGAAGTAAACCGTCCGCTTTGAGAGTGGATCCCACATTTCTGGC
 CGGGTTTTTTGCTGACCTATGCGAGCAGCGACCATCCAGATTTAATAACATGTTTGAACGAGCTAGCC
 ATTTATTTGAAGACAGAATACAGCAAATCTGCCAGCTGGTTGTAGAGACGTAGCAGGAGACATTTCTGG
 GAATATGGTAGATGGATATAGAGATACCTTTTATTGTGCAAAGCTGCCATCCATGCAGGAATAATTGCT
 GATGAAC TAGGTGCCAGATCAGTGTGCTTCAGCGCAAAGGGATCAGTCGATATGAAGGGATTCTGGCCA
 ATGGTGTCTTTTCGAGGGATGGTTCCCTGTGAGACAAGCGATTTCTGTTTACCTCCAATGGTTGCAGCAG
 ATCCTTGAGTTTTGAACCTGACGGGCAAATCAGAGCTTCTTCCATGGCAGTCGGTCAATGAGAGTGGAG
 GACCAAGTTCAGTGGTCTCCTGGCCAAGCCGACTTCAGGACCAAGGCCATCATGGGCTTCGGGCGACA
 GTAGCAACAACCACAAACCAGAGAGTGGCTGGAGATCGATTTGGGGGAGAAAAAGAAAATAACAGGAAT
 TAGGACCACAGGATCTACACAGTCGAACCTCACTTTTATGTTAAGAGTTTTGTGATGAACCTCAAAAAC
 AATAATTCTAAGTGAAGACCTATAAAGGAATTTGAATAATGAAGAAAAGGTGTTTCAGGGTAACTCTA
 ACTTTCCGGGACCCAGTGCAAAAACATTTTCATCCCTCCCATCGTGGCCAGATATGTGCGGGTTGCCCCCA
 GACATGGCACCAGAGGATAGCCTTGAAGGTGGAGCTCATTGGTTGCCAGATTACACAAGGTAATGATTCA
 TTGGTGTGGCGCAAGACAAGTCAAAGCACCAGTGTTCACCTAAGAAAAGAGATGAGACAATCACAGGC
 CCATCCCCTCGGAAGAAACATCCACAGGAATAACATTACAACGGTGGCTATTCCATTGGTGCTCCTTGT
 TGTCTGGTGTGCTGGAATGGGGATCTTTCAGCCTTTAGAAAAGAAGAAGAAGAAGGAGTCCGAT
 GGATCAGCAGAGGCTCAGAAAACAGACTGTTGGAAGCAGATTAATATCCCTTGGCCAGACATCAGTCAG
 CTGAGTTTACCATCAGCTATGATAATGAGAAGGAGATGACACAAAAGTTAGATCTCATCACAAAGTATAT
 GGCAGGT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG207830 representing NM_173674
 Red=Cloning site Green=Tags(s)

MVPGARGGGALARAAGRLLALLLAVSAPLRLQAEELGDGCGHLVTYQDSGMTSKNYPGTYPNHTVCEK
 TITVPKGKRLILRLGDLDIESQTCASDYLLFTSSSDQYGPYCGSMTVPKELLNTSEVTVRFESGSHISG
 RGFLLTYASSDHPDLITCLERASHYLKTEYSKFCPAGCRDVAGDISGNMVDGYRDTSLCKAAIHAGIIA
 DELGGQISVLQRKGISRYEGILANGVLSRDGSLSDKRFLFTSNGCSRSLSEFPDQQIRASSSWQSVNESG
 DQVHWSPGQARLQDQGPSWASGDSNNHKPREWLEIDLGEKKKITGIRTTGSTQSNFNFYKSFVMNFKN
 NNSKWKTYKGIVNNEEKVFQNSNFRDPVQNNFIPPIVARYVVRVVPQTHQRIALKVELIGCQITQGNDS
 LVWRKTSQSTS SVTKKEDETITRPIPEETSTGINITTVAIPLVLLVLFVAGMGIFAARFKKKKGGSPY
 GSAEAQKTDCKWQIKYPFARHQSAEFTISYDNEKEMTQKLDLITSDMAG

TRTRPLE - GFP Tag - V

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 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](#)

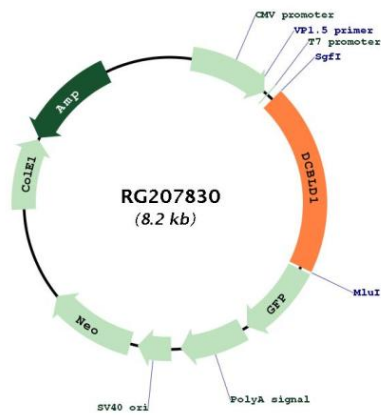
OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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

Product images:



Circular map for RG207830