

Product datasheet for **MG206887**

Dcbld1 (BC026771) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Dcbld1 (BC026771) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Dcbld1
Synonyms: 4631413K11Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG206887 representing BC026771
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGGACCGGGCTGGTGGGCCGAGTGTCTGGCGCTGCTGTTCCCGTGTGTGCTCCGCTCCGGTTGC
 AGGCGGAGGAGCTGGGTCCATATTGTGGGAGTTGGGCTGTTCCCAAGAAGACTCCGGCTGAACTCAAACGA
 AGTGACTGTCCTTTCAAGAGTGGATCTCACATTTCTGGCCGGGGCTTTCTGCTGACCTACGCCAGCAGT
 GACCATCCAGATTAATAACCTGTTTGAACGAGGCAGCCATTATTTGAGGAAAAATACAGCAAATCT
 GCCCAGCTGGCTGTAGAGACATAGCAGGAGATATTTCTGGGAATACAAAAGATGGCTACAGAGATACCTC
 TTTATTGTGCAAAGCTGCCATCCACGCAGGGATCATCACAGATGAACTAGGTGGCCACATCAACTTGCTT
 CAGAGCAAAGGGATAAGTCACTATGAAGGACTCCTGGCCAATGGCGTGTCTCCCGCATGGTTCTTTGT
 CGGAAAAGCGATTTCTTTTACAACCCAGGAATGAATATTACAAGTGTGGCGATTCCATCAGTGATCTT
 CATCGCCCTCCTTCTGACTGGAATGGGGATCTTTGCAATCTGTAGAAAAGAGGAAAAAGAAAGGAAATCCA
 TATGTGTAGTGTGACGCTCAGAAAACAGGCTGTTGGAAGCAGATTAATATCCCTTTGCCAGGCATCAGT
 CGACGGAAATTTACCATCAGCTATGACAATGAAAAAGAGATGACACAAAAGTTGGATCTCATCACTAGTGA
 TATGGCAGATTATCAGCAGCCTCTCATGATTGGCACAGGCACAGTCGCGAGAAAGGGCTCTACCTCCGA
 CCCATGGACACAGACTGAGGAGGTCAGAGTGAACACTGAGGCCAGCGGCCACTATGACTGTCCTCACC
 GCCCGGGCCGCCATGAGTACGCACTGCCTTTGACGCACTCAGAACCTGAGTATGCCACACCTATCGTGGA
 GCGGCACCTGCTGCGAGCTCACACCTTCTCCACACAGAGCGGCTACCGAGTCCCTGGGCCAGGCCCACT
 CACAAACTCCCATTCCTCTGGAGGCTTCTCCTGCTACAGGAGCCACCCAGATTGAAAGCTATCAGA
 GGCCAGCAAGCCCAAGCCTGTGGTGGTGGCTATGACAAGCCTGCTGCTAGCAGCTTCTGGACAGCAG
 AGACCCAGCCTCTCAGTCACAGATGACTCCGGGGGAGATGATGGTTATTCGGCACCCAGAACCCTTCT
 GCGCCCTCAACCAGACGCCATGACTGCTTTTTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG206887 representing BC026771
 Red=Cloning site Green=Tags(s)

MGTGAGGPSVLALLFAVCAPLRLQAEELGPYCGSWAVPKELRLNSNEVTVLFKSGSHISGRGFLLYASS
 DHPDLITCLERGSHYFEEKYSKFCPAGCRDIAGDISGNTKDG YRDTSL LCKAAIHAGIITDELGGHINLL
 QSKGISHYEGLLANGVLSRHGSLSEKRFLLFTTPGMNITVAIPSVIFIALLLTGMGIFAICRKRKKKGNP
 YVSADAQKTGCWKQIKYPFARHQSTEFITISYDNEKEMTQKLDLITSDMADYQQPLMIGTGTVARKGSTFR
 PMDTDTEEV RVNTEASGHYDCPHRPGRHEYALPLTHSEPEYATPIVERHLLRAHTFSTQSGYRVPGPRPT
 HKHSHSSGGFPATGATQIESYQRPASPKPVGGGYDKPAASSFLDSRDPASQSQMTSGGDDGYSAPRTGL
 APLNQTAMTALL

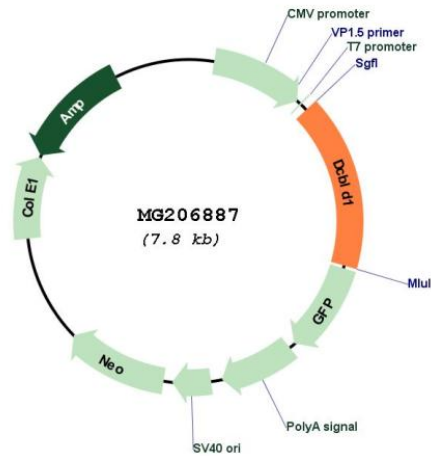
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: BC026771

ORF Size:	1298 bp
OTI Disclaimer:	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:	<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:	BC026771 , AAH26771
RefSeq Size:	2846 bp
RefSeq ORF:	1298 bp
Locus ID:	66686
Cytogenetics:	10 B3