

## Product datasheet for **MR206887**

### **Dcbld1 (BC026771) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Dcbld1 (BC026771) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Dcbld1
Synonyms:	4631413K11Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR206887 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGGGACCGGGGCTGGTGGGCCGAGTGTCTGGCGCTGTCTGCGCGTGTGTGCTCCGCTCCGGTTGC  
 AGGCGGAGGAGCTGGGTCCATATTGTGGGAGTTGGGCTGTCCCAAAGAACTCCGGCTGAACTCAAACGA  
 AGTGACTGTCTCTTCAAGAGTGGATCTCACATTTCTGGCCGGGCTTTCTGCTGACCTACGCCAGCAGT  
 GACCATCCAGATTTAATAACCTGTTTGGAACGAGGCAGCCATTATTTTCGAGGAAAAATACAGCAAATCT  
 GCCCAGCTGGCTGTAGAGACATAGCAGGAGATATTTCTGGGAATACAAAAGATGGCTACAGAGATACCTC  
 TTTATTGTCAAAGCTGCCATCCACGCAGGGATCATCACAGATGAACTAGGTGGCCACATCAACTTGCTT  
 CAGAGCAAAGGATAAGTCACTATGAAGGACTCCTGGCCAATGGCGTGTCTCCCGCATGGTTCTTTGT  
 CGGAAAAGCGATTTCTTTTACAACCCAGGAATGAATATTACAACTGTGGCGATTCCATCAGTGATCTT  
 CATCGCCCTCTTCTGACTGGAATGGGGATCTTTGCAATCTGTAGAAAGAGGAAAAAGAAAGAAATCCA  
 TATGTGTGACTGACGCTCAGAAAACAGGCTGTTGGAAGCAGATTAATATCCCTTTGCCAGGCATCAGT  
 CGACGGAATTTACCATCAGCTATGACAATGAAAAAGAGATGACACAAAAGTTGGATCTCATCACTAGTGA  
 TATGGCAGATTATCAGCAGCCTCTCATGATTGGCAGGCACAGTCCGCGAGAAAGGGCTCTACCTCCGA  
 CCCATGGACACAGACTGAGGAGGTCAGAGTGAACACTGAGGCCAGCGGCCACTATGACTGTCCTCACC  
 GCCCGGGCCGCATGAGTACGACTGCCTTTGACGCACTCAGAACCTGAGTATGCCACACCTATCGTGGA  
 GCGGCACCTGTGCGAGCTCACACCTTCCACACAGAGCGGCTACCGAGTCCCTGGGCCAGGCCACT  
 CACAAACTCCCATTCTCTGGAGCTTTCCTCCTGTACAGGAGCCACCCAGATTGAAAGCTATCAGA  
 GGCCAGCAAGCCCAAGCCTGTGGTGGTGGCTATGACAAGCCTGCTGCTAGCAGCTTCTTGACAGCAG  
 AGACCCAGCCTCTCAGTCACAGATGACTTCCGGGGAGATGATGGTTATTCGGCACCCAGAACCGGTCTT  
 GCGCCCTCAACCAGACGCCATGACTGCTCTTTTG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR206887 protein sequence  
 Red=Cloning site Green=Tags(s)

MGTGAGGPSVLALLFAVCAPLRLQAEELGPYCGSWAVPKELRLNSNEVTLVFKSGSHISGRGFLLTYASS  
 DHPDLITCLERGSYFEEKYSKFCPAGCRDIAGDISGNTKDGYPDTSLLCKAAIHAGIITDELGGHINLL  
 QSKGISHYEGLLANGVL SRHGSLSEKRFLLFTTPGMNITVAIPSVIFIALLLTGMGIFAICRKRKKKGNP  
 YVSADAQKTGCWKQIKYPFARHQSTFTISYDNEKEMTQKLDLITSDMADYQQPLMIGTGVARKGSTFR  
 PMDTDTEEVVNTEASGHYDCPHRPRRHEYALPLTHSEPEYATPIVERHLLRAHTFSTQSGYRVPGRPT  
 HKHSHSSGGFPPATGATQIESYQRPASPKPVGGGYDKPAASSFLDSRDPASQSQMTSGDDGY SAPRTGL  
 APLNQTAMTALL

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**


**ACCN:** BC026771

**ORF Size:** 1296 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:**

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:** 2819 bp

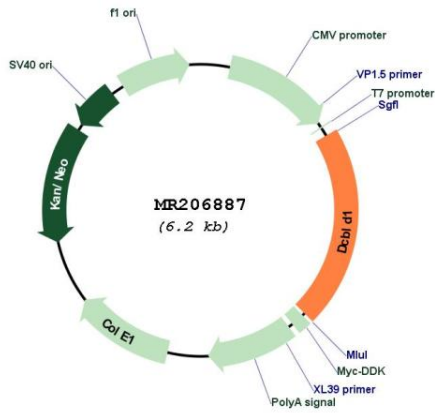
**RefSeq ORF:** 1298 bp

**Locus ID:** 66686

**Cytogenetics:** 10 B3

**MW:** 46.8 kDa

Product images:



Circular map for MR206887