

Product datasheet for **MC219201**

Bicdl1 (NM_001080808) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bicdl1 (NM_001080808) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Bicdl1
Synonyms:	2210403N09Rik; BICDR-1; Ccdc64
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219201 representing NM_001080808
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCCGCTTCTGCCTGGGCTTGGCCGGCCGAGCTTACGACCCGCCGAGCCGGACAGCGCCTGTGCA
TGGAGCTGCCCGCTGGGGCCGGGACGCAGTCCGGAGTCCCGCCACTGCTGCCGCCCTCGTCTCCTTCCC
CGGAGGTCCCGGGAACTGGAAGTGGCCTTAGAGGAGGAGCTGGCGTTGCTGGCGCCGGGGAGCGGTCTG
TCCGAGCCCGGCAGCATCCTCAGGCGGAGCCGGAGTCTCCGGTTGAGGGGCACGGGCCCGCTGCCGC
CGCCGCTACCCAGGATCCCGAGCTGTGTGGTATCCGCCAGAAGGAGAAGGATCTGGTGTGGCGGC
CCGACTAGGCAAGGCGTGTCTGAGAGGAACAGGACATGAGCCGGCAGTACGAGCAGATGCACAAGGAG
CTGACGGACAAGCTAGAGCACCTAGAACAAGAGAAACATGAACTGAGAAGGCGATTGAGAATCGAGAAG
GGGAGTGGGAAGGACGGGTGTCTGAGCTGGAGACGGACGTGAAGCAGCTACAGGATGAGTTGGAGAGGCA
GCAGCTCCACCTTCGGGAAGCAGACCGAGAAAAACACGAGCTGTCCAGGAACTGTCAGAACAGAACCAG
AGGCTGTGGACCAACTCAGCAGGGCATCTGAAGTTGAGAGACAGCTCTCCATGCAGGTCCATGCTCTCA
AAGAAGACTTCCGGGAGAAAAATTCCTCCACCAACCAGCATATCATCCGGCTGGAGAGTCTGCAGGCCGA
GATCAAGATGCTGTGAGATCGAAAACGGGAGCTGGAGCATCGGCTCAGCGCCACCTTGGAGGAGAATGAC
CTGCTTCAAGGGACTGTGGAGGAGCTGCAGGACCGGGTGTGATCCTAGAAAGGCAGGGCCATGACAAA
ACCTACAGCTGCACCAAAGCCAGCTGGAGCTCCAGGAGGTGCGGCTGTCTACCGGCAGCTGCAGGGCAA
GGTGGAGGAACACGGAGGAGAGGAGTTTGCAGAGCTCGGCTGCGACCAGCACGTCCCTGCTGTGAGAG
ATCGAGCAGAGCATGGAGGCCGAGGAGCTGGAGCAGGAGAGAGAGCAGCTGAGGCTGCAGCTCTGGGAAG
CCTACTGCCAGGTTGATATCTCTGCTCACACCTCCGAGGGAATGACAGTGCCGACTCAGCCGATCCAC
AGACTCCTCCATGGACGAGTCTCGGAGACCTCGTCCGCAAGGACGTGCCTGCCGCGAGCCTGCGCACT
GCCCTCAACGATCTCAAGAGGCTGATACAGAGCATCGTGGACGGTGTGGAGCCCACGGTGCAGCTGCTGA
GCGTGGAGATGACCGCACTGAAGGAGGAAAGGGACCGACTCAGAGTGACCTCTGAGGACAAGGAGCCAAA
GGAGCAGCTTCAAGGCCATCAGGACCGGGACGAGGCCATTGCCAAGAAGAACGCTGTGGAGCTGGAA
CTCGCCAAGTGAAGATGGATATGATGTCTCTGAACAGCCAGCTACTGGATGCCATTGAGCAAAAACCTGA
ACCTCTCTCAGCAGCTGGAGGCTTGGCAGGATGACATGCACAGGGTCATTGACAGGCAGCTGATGGACAC
GCACCTGAAGGAACAGAGCCGGCTGCTGCTGCTGCCTTCCCTAGGGGCCACGGCGTAGGGCGGGGCGAG
GAACCCAGCACCCGAGATGGCAAACGGCTTTCTCCTTTCAGGAAGATT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001080808

Insert Size: 1734 bp

OTI Disclaimer: 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).

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_001080808.1](#), [NP_001074277.1](#)

RefSeq Size: 1853 bp

RefSeq ORF: 1734 bp

Locus ID: 75665

UniProt ID: [A0JNT9](#)

Cytogenetics: 5 F

Gene Summary: Component of secretory vesicle machinery in developing neurons that acts as a regulator of neurite outgrowth. Regulates the secretory vesicle transport by controlling the accumulation of Rab6-containing secretory vesicles in the pericentrosomal region restricting anterograde secretory transport during the early phase of neuronal differentiation, thereby inhibiting neuritogenesis.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the protein-coding transcript.