

Product datasheet for **SC317982**

BICDL1 (NM_207311) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BICDL1 (NM_207311) Human Untagged Clone
Tag:	Tag Free
Symbol:	BICDL1
Synonyms:	BICDR-1; BICDR1; CCDC64; CCDC64A; H_267D11.1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC317982 representing NM_207311.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGTCCGCTTTCTGCCTGGGCTTGGTCGGCCGCGCTTCAGCACCCGCGAGCCGGACAGCGCCTGCTGC
ATGGAGCTGCCCGCCGCGCCGGGACGAGTCCGGAGTCCCGCCGCGCCGCCCTCATCTTCCCC
GGGGGCTCCGGGGAGCTAGAACTGGCGTTAGAGGAGGAGCTGGCGCTGCTGGCGGCCGGGAGCGGCCG
TCCGACCCCGGGGAACACCTCAGGCCGAGCCTGGGTCTCTGGCCGAGGGGGCCGACCGCAGCCGCCG
CCCTCCCAGGACCCGAGCTGCTGTCGGTGATCCGACAGAAGGAGAAGGATCTGGTGTGGCGGCCCGG
CTGGGTAAAGCGCTGCTCGAGAGGAACAGGACATGAGCCGGCAGTACGAGCAGATGCATAAGGAGCTG
ACAGACAAGCTCGAGCACTTAGAGCAAGAGAAACATGAATTGAGAAGACGATTTGAGAACCAGAGAAGG
GAGTGGGAAGGCCGAGTGTGAGAGCTGGAGAGTGTGTAAGCAGCTACAGGATGAGTTGGAGAGGCAG
CAGATTATCTGCGGGAAGCAGATCGAGAAAAATCACGGGCTGTCCAGGAAGTGTGGAACAGAACCAA
AGGCTATTGGATCAGCTCAGCAGGGCATCAGAAGTTGAGAGACAACTCTCCATGCAGGTCCACGCCCTC
AGAGAAGACTTTCCGGGAGAAAACTCATCAACCAACCAGCACATTATCCGGCTGGAGAGCCTTCAGGCC
GAGATCAAGATGCTGTCAGATCGAAACGGGAGCTGGAGCATCGTCTCAGCGCTACTTTAGAGGAAAT
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TCAGAGATCGAGCAGAGCATGGAGGCTGAGGAGCTGGAGCAGGAGCGAGAGCAGCTGAGACTGCAGCTC
TGGGAAGCCTACTGCCAGGTTGCTATCTGTGCTCACACCTTCGAGGCAATGACAGTGTGACTCAGCC
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AAGGAGCCAAAGGAGCAGCTTCAGAAGGCCATCAGGGACCGCAGCAGGCGCATTGCAAAGAAGAATGCT
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CAGCTGATGGACACGCACCTGAAAGAACGGAGCCAGCCGGCTGCTGCCCTCTGCAGGGGCCACAGCGCT
GGGCGGGGGGATGAGCCAGCATCGCTGAAGGCAAACTCTTCTCATTCTTCAGGAAAATTAA
ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGCGC
  
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Restriction Sites: Sgfl-MluI

ACCN: NM_207311

Insert Size: 1722 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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_207311.2](#)

RefSeq Size: 3081 bp

RefSeq ORF: 1722 bp

Locus ID: 92558

UniProt ID: [Q6ZP65](#)

Cytogenetics: 12q24.23

MW: 64.8 kDa

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 (By similarity).[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the protein-coding transcript.