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Product datasheet for RN217692

Bcorl1 (NM_001191587) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: Bcorl1 (NM_001191587) Rat Untagged Clone

Tag: Tag Free

Symbol: Bcorl1

Synonyms: RGD1566108

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Cell Selection: Neomycin

Fully Sequenced ORF:

>RN217692 representing NM_001191587
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGATCTCTACAGCACCGCTCTACAGCGGCGTGCATAACTGGACCAGTTCTGACCGGATTCGCATGTGTG
GCATCAACGAGGAGAGAAGAGCACCTCTTTCTGATGAGGAGTCCACGACAGGTGACTGCCAGCACTTTGG
ATCTCAGGAGTTTTGTGTCAGCAGCAGTTTTTCCAAGGTGGAGCTCACGGCAGTTGGAAGTGGCAGCAAT
GCCCGGGGGACAAACCCAGATGGCAGTACCACAGAAAAGCTTGGGCACAGGTCAGAAGACCAGCCTGATG
ATCCTCAGGCAAAAATGGACTATGTTGGGAATACAGCAGAGGCGGAGGGACTCCTGGTGCCGCTGAGCAG
CCCGGGAGACAGCCTTAAGCTGCCCACTCCTGACGGCACTGAGGCTAGCCACAGCAGGGCCAACTGCTCC
TGGACTCCCCTAAGCACCCAAATGAGCAAACAGGTTGACTGCTCTCCAGCCGGGGTAAAGGCTTTGGACT
CTCGGCACAGTGTTGGGGAGAAGAACACTTTCATTTTGGCAACTCTGGGAACTGGAGTCCCCGTGGAGGG
AACCCTGCCTCTAGTTACCACAAACTTCAGTCAGCTGCCGGCACCTATCTGCCCTCCTGCCCCTGGGTCG
GCCTCCGGGACCCCCTCGGTTCCTGATCCATTCCAAGTTCCCCTTTCTGTCCCAGCCCCAGTTCCCCACT
CAGGACTAGTTCCAGTCCAGGTTGCCACATCGGCTTCAGCTCCTTCCCCTCCCCTAGCACCAGTGCCTGC
TCTAGCCCCAGCAGCACCCTCGGTGCCTACTCTCATCTCTGATTCCAACCCTCTCTCTGTGTCAGCCTCT
GTCTTGGTGCCTGTGCCAGTGTCTGCTCCCCACTCAGTCCCTGTGCCCTTGTCAGCTCCTGCTCCTACCC
CTCTCACAGTCTCTGTGTCTGCACCTCCCTTGGCTCTGATCCAGGCTCCCGTGCCTCCTTCAGCTCCCAC
TTTGGTCCTTGCTTCTGTCCCGACTCCAGTTCTAGCTCCCATGCCAGCATCCACACCTCCAGCAGCTCCT
GCCCCTCCGTCTGTACCAATGCCCACTCCGACCCCGTCCTCTGGCCCGCCCTCTACCCCCACCCTTATTC
CTGCCTTTGCTCCTACACCGGTGCCTGCGCCCACCCCAGCCCCAATCTTTACTCCAGCCCCCACACCCAT
GCCGGCTGCCACACCAGCTGCCATCCCCACCTCAGCACCCATTCCAGCCTCCTTCAGTTTGAGTCGAGTG
TGCTTTCCTGCAGCTCAGGCACCAGCTATGCAAAAAGTCCCCCTGTCTTTTCAACCAGGGACAGTGCTGA
CCCCTAACCAGCCGCTGGTATACATCCCACCTCCGAGTTGCGGCCAGCCACTCAGCGTGGCTACACTGCC
AACCACTCTGGGAGTGTCTTCCACGCTCACCCTCCCGGTCCTGCCATCTTACCTGCAGGACAGGTGTCTC
CCGGGTGTGTTGGCCTCTCCAGAGCTCCGCTCTTATCCATATGCATTTTCTGTGGCCCGGCCTTTGGCTT

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CAGATTCAAAGTTGGTGTCTTTAGAGGTGAACAGGCTCTCCTGTACTTCCCCATCCAGCAGCACTAACAG
CCAGCCTGCACCTGAAGGGGTCCCTGGACCTTTGGCAGATACCTCCCTCACCACTGCTTCTGCCAAGGTG
CTTCCAACTTCACAGCCTTTGCTGCCAGCCCCCAGTGGGAGTTCAGTCCCACTACACCCCTCCAAGATGC
CAGGTGGCACCGATCAACAAACAGAAGGGACTTCCGTCACCTTCTCTCCTCTCAAGTCACCTCCACAGCT
GGAGAGAGAGATGGCCTCTCCACCCGAGTGCAGCGAGATGCCTCTTGACCTCTCCTCCAAGTCCAACCGC
CAGAAGCTTCCATTGCCGAACCAGCGGAAAACACCTCCCATGCCTGTGTTGACCCCTGTGCACACCAGCA
GCAAGGCCCTCCTTTCCACAGTCCTGTCTAGGTCTCAGCGTACAACCCAAGCTGCCGGCAGCAATGTTAC
TTCCTGCCTAGGCTCCACCTCTTCACCTTTTGTTATCTTTCCTGAGATGGTTAGGAATGGAGACCCAAGC
ACCTGGGTAAAAAACTCAACTGCTCTGATCAGCACCATTCCTGGCACATATGTGGGAGTGGCCAACCCAG
TGCCTGCATCCCTGCTGTTGAACAAGGACCCTAACCTGGGCCTTAACCGAGATCCTAGGCATCTCCCCAA
GCAGGAGCCCATCTCCATCATTGATCAAGGAGAGCCTAAGAGCACTGGTGTCACTTGTGGCAAGAAAGGC
AGCCAGGTTGCTGCCGAGGGACAGCCAAGCACAGTCAAATCCCGTTATACCCCAGCCCGCATTGCCCCTG
GGCTACCAGGGTGCCAAACCAAGGAACTGTCTTTGTGGAAACCTACAGGGCTGACAAATATGTACCCACG
GTGTTCCATCAATGGGAAGCCCACGAGCACCCAACAGGTTCTGCCTGTTGGCTGGTCACCATACCACCAA
GCATCTCTGCTTTCGATTGGCATTTCTAGTGCCGGGCAACTAACCCCCAGTCAGGGGGTGCCTCTCAGGC
CCACCAGCATTGTTTCTGAGTTTTCTGGTGTGTCATCTCTTGGTTCCAGTGAAGCTGTTCATGGACTTCC
TGAGGGGCAGCCACGGCCTGGGGGCCCCTTTGCCCCAGAGCAGGATGCTGTCACAAAGAACAAAACTTGC
CGAATTGCTGCCAAGCCTTATGAAGAACAAGTCAATCCTGTGCTTTTGACTCTCAGCCCTCAGACGGGGA
CCCTGGCACTGTCTGTTCAGCCTAACAGTGGGGACATTGGAGTAAATCAGGGGTCTGAGGAATCTGAGAG
CCACCTCTGCTCTGATAGTACTCCTAAGGTGGAAGGCCCCCAGGCAGCCTGTGGCCTGAAGCTGGCAGGG
GACACAAAGCCTAAAAGCCAAGTGCTGGCTACCTATATGTCCCACGAGCTGGTCCTGGCCAACCCCCAGA
ACTTGTGCAAGATGCCTGAGCTGCCTTTGCTACCTCATGACAGCCACTCTAAGGAACTCATTTTAGATGT
GGTTCCCAGCAGCGAGAGAGGCCCCAGCACAGATCTTTCGCAGCTTGGAAGTCAGGTGGATCTGGGACGG
GTGAAAATGGAGAAAGCAGATGGCGATGTGGTCTTCAATTTAGCCAACTGCTTCCGGGCTGATGGACTCC
CAGCAGTTCCCCAGAGGGGCCAGGCTGAAGCGCGGGCTAAAGCTGGACAAGCTCGTGTGAAACGGGAAGG
TGTTGGGGTCTTTACTTGCAAGAACAGTTGGCAGCCAGATGAAGAGACAGAATCTCTGCCACCCAAGAAG
GTCAAGTGTAACAAAGAAAAGGAAATCGAGGAAGAACCACAGCAGCAGCTGCCACCACAACCACATGATA
AGCCCATGGTCCGGAGTTCCGTGGGGTCCAAGTGCCGGAAGCTGCCTGGAGACCCCCAGGAACCCACCAA
GAAAAGCCCCAGAGGGGCTTTAGATTCAGGAAAAGAGCACAATGGGGTCAGGGGAAAGCACAAGCACCGG
AAGCCAACAAAGCCAGAGTCCCTGCCTGCAGGAAAACGAGCAGATGGTCATGAGGAAGGTTCCTTGGAAA
AGAAAGCAAAGAGCAGTTTCCGTGACTTCATCCCAGTAGTTCTGAGTACTCGGACACGCAGTCAGTCTGG
AAGCATCTGCAGTTCCTTCACTGGTCTGGCAGACAGTGACATGGGAAGCCAGGAGGTCTTCCCTACAGAG
GAAGAGGAGGAGGTGGCCCCCACCCCAGCCAAGAGAAGAAAAGTCAGAAAGACCCAAAGGGATACCCAGT
ACCGCAGCCATCATGCCCAGGACAAGACCCTGCTGAGCCAAGGCCGCAGGCATCTGTGGCGAGCCCGAGA
GATGCCCTGGAGGACAGAGGCTGCCCGTCAAATGTGGGACACTAACGAAGAGGAGGAAGATGAGGAGGAA
GAGGGCCTCGTGAAGAGAAAGAAACGGAGACGGCAAAAGAGCCGAAAATACCAGACGGGGGAGTACCTGA
CTGAACAAGAAGAACAGAGGCGGAAAGGGAGAGCAGATTCAAAGGCCCGTAAGCAGAAGACTTCCTCCCA
AAGTTCAGAGCACTGCCTCAGGAACAGGGACCTTCTCTTGTCCAGCAAAGCCCAGGGGATCTCGGACTCA
CCAAATGGTTTCCTTCCAAATAACCTGGAGGAGCCAGCCTGCCTTGAAAATTCAGAAAAGCCATCAGGAA
AACGAAAGTGCAAGACCAAGCACATGGCAAACGTCTCAGAAGAGGCAAGGAGCAAAGGTCGTTGGAGCCA
GCAGAAGACACGATCTTCTAAATCTCCCACTCCAGTGAAGCCCACAGAACCATGTACACCCTCTAAGTAC
CGAAGTGCTGGCTCAGAAGAGACCTCAGAGTCACCCACTGCCCGACAGATTCCCCCAGAGGCACGGAGAC
TTATAGTGAATAAAAATGCTGGGGAGACGCTCCTGCAGCGAGCAGCTCGTCTGGGTTATAAGGACGTTGT
TCTCTACTGCCTCCAAAAGCACAGCGAGGATGTGAATCACCGTGACAACGCGGGCTACACAGCCTTGCAC
GAAGCCTGTTCCCGGGGCTGGACTGATATCCTGAACATCCTATTGCAACATGGGGCTAATGTGAACTGCA
GCTCACAGGATGGCACAAGGCCAGTGCATGATGCTGTAGTCAACGACAACCTGGAAACCATCTGGCTCTT
GCTATCCTACGGAGCTGATCCCACATTGGCTACCTACTCGGGTCAGACAGCCATGAAGCTGGCCAGCAGT
GATAACATGAAGCGCTTTCTCAGTGATCACCTCTCCGATCTTCAGGGCAGGGCAGAGGGCGACCCTCGTG
CATCCTGGGATTTTTACAGCAGTTCTGTGTTGGAGAAGAAAGACGGGTTTGCCTGTGACCTCCTCCATAA
CCCTCCTGGGAGTGCTGAGCAAGGGGATGATTCAGAACAGGATGACTTCATGTTCGAACTCTCAGACAAG
CCTCTTCTCCCTTGTTACAACCTCCAAGTGTCAGTGTCCCGTGGACCCTGCAACTGGTTCCTCTTCAGTG
ATGTCCTGAAGAGACTGAAGCTTTCATCACGAATCTTTCAGGCCCGCTTCCCACACCTCGAGATCACCAC

CCTGCCGAAGGCTGAGTTCTACAGGCAGGTGGCCTCAAGTCAGCTGCTGACCCCTGCTGAGAGGCCTGGG
AGCTTGGAGGACAGATCTCCCCCGGGCTCCTCAGAGACTGTGGAGCTGGTGCAGTATGAGCCAGAGCTGC
TGCGGCTCCTAGGGTCTGAGGTGGAATATCAGTCATGGAGCAGTTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001191587

Insert Size: 5367 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: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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_001191587.1, NP_001178516.1

RefSeq Size: 6867 bp

RefSeq ORF: 5367 bp

Locus ID: 302810

Cytogenetics: Xq36