

Product datasheet for **SC304975**

BCORL1 (NM_021946) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BCORL1 (NM_021946) Human Untagged Clone
Tag:	Tag Free
Symbol:	BCORL1
Synonyms:	BCoR-L1; CXorf10; SHUVER
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_021946, the custom clone sequence may differ by one or more nucleotides

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ATGATCTCTACAGCACCGCTCTACAGCGCGTGCACAACCTGGACCAGTTCTGACCGGATT
CGCATGTGTGGCATCAACGAGGAGAGAAGAGCACCTCTTTCTGATGAGGAGTCAACGACA
GGCGACTGCCAGCACTTTGGATCTCAGGAGTTTTGTGTCAGCAGCAGTTTTTCCAAGGTG
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TACGCTGGGAACGTGGCAGAGGCTGAGGGCTTCTTGGTGGCCCTGAGCAGCCAGGAGAC
GGGCTCAAGTCTCCGCATCTGACAGCGCCGAGGCCAGCAACAGCAGGGCCGACTGCTCC
TGGACTCCACTCAACACCCAAATGAGCAAACAGGTTGACTGCTCACCCGCGGAGTAAAG
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TGCTTCTCAGCTCAGGACCCAGCTATGCAAAAAGTCCCCCTGCTCTTTCAGCCAGGG
ACAGTGTGACCCGAGCCAGCCGCTGGTATATATCCCGCTCCAAGCTGTGGGCAGCCA
CTCAGTGTGGCCACACTGCCAACCTCTAGGGGTTTCTCCACTTTACGCTCCCTGTC
CTGCCGCTACCTGCAGGACAGGTGTCTCCAGGCGTGTAGCTCCCCGAGCTCCGT

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TCTTACCCGATGCATTTTCTGTGGCCCGCCTCTGACTTCGGATTCCAAGCTGGTATCT
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 CCCGATGGGGTCCCTGGGCCTTTGGCAGATACCTCCCTTGTACTGCTTCTGCCAAGGTG
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 CTTAAGTACCCGCCACAGCTGGAACGAGAGATGGCCTCTCCACCTGAGTGCAGCGAGATG
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CACCTCTCGGATCTTCAGGGCCGGGCAGAGGGTGATCCCGGTGTATCCTGGGATTTTAC
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 GCCTCCAGTCAGCTGCTGACCCCTGCCGAGAGGCTGGAGGCTTGACGACAGATCCCC
 CCAGGCTCCTCTGAGACTGTGGAGCTGGTGCAGGACGAGCCAGACCTACTTCGGCTCCTA
 GGTCCGAGGTGGAATCCAGTCTTGAACAGTTGA

Restriction Sites: Please inquire

ACCN: NM_021946

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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 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_021946.2](#), [NP_068765.2](#)

RefSeq Size: 6740 bp

RefSeq ORF: 5136 bp

Locus ID: 63035

UniProt ID: [Q5H9F3](#)

Cytogenetics: Xq26.1

Gene Summary:

The protein encoded by this gene is a transcriptional corepressor that is found tethered to promoter regions by DNA-binding proteins. The encoded protein can interact with several different class II histone deacetylases to repress transcription. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2010]

Transcript Variant: This variant (1) lacks an alternate in-frame exon compared to isoform 1a. The resulting isoform (1) has the same N- and C-termini but is shorter compared to isoform 1a. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.