

Product datasheet for **SC319038**

BCOR (NM_001123383) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: BCOR (NM_001123383) Human Untagged Clone
Tag: Tag Free
Symbol: BCOR
Synonyms: ANOP2; MAA2; MCOPS2
Vector: pCMV6 series
Fully Sequenced ORF: >NCBI ORF sequence for NM_001123383, the custom clone sequence may differ by one or more nucleotides

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ATGCTCTCAGCAACCCCTGTATGGGAACGTTACAGCTGGATGAACAGCGAGAGGGTC
CGCATGTGTGGGGCGAGCGAAGACAGGAAAATCCTTGTAATGATGGTGACGCTTCAAAA
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GCCCATAGGATCGATGGCCTGGCAGCACTGAGCATGGACCGCACTGGCCTGATCCGGGAA
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ACCAAAACCAGCAGGAGCTCTGTAGAAACCACACCATCCGTTATTCAGCACGTGGGCCAG
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 GCCTTCAACCCTGAAAGTAAGGAGCTGTTAGATCTGGTGGAAATTCACGAACGAAATTCAG
 ACTCTGCTGGGCTCCTCTGTAGAGTGGCTCCACCCAGTGATCTGGCCTCAGACAACACTAC
 TGG

- Restriction Sites:** Please inquire
- ACCN:** NM_001123383
- 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_001123383.1](#), [NP_001116855.1](#)
- RefSeq Size:** 6405 bp
- RefSeq ORF:** 5166 bp
- Locus ID:** 54880
- UniProt ID:** [Q6W2J9](#)
- Cytogenetics:** Xp11.4
- Protein Families:** Transcription Factors

Gene Summary:

The protein encoded by this gene was identified as an interacting corepressor of BCL6, a POZ/zinc finger transcription repressor that is required for germinal center formation and may influence apoptosis. This protein selectively interacts with the POZ domain of BCL6, but not with eight other POZ proteins. Specific class I and II histone deacetylases (HDACs) have been shown to interact with this protein, which suggests a possible link between the two classes of HDACs. Several transcript variants encoding different isoforms have been found for this gene. A pseudogene of this gene is found on chromosome Y.[provided by RefSeq, Jun 2010]

Transcript Variant: This variant (3) differs in the 5' UTR and uses an alternate in-frame splice site compared to variant 5. The resulting isoform (a) has the same N- and C-termini but is shorter compared to isoform c. Variants 1 and 3 both encode the same isoform (a).