

Product datasheet for **SC320143**

CORO1B (NM_020441) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CORO1B (NM_020441) Human Untagged Clone
Tag:	Tag Free
Symbol:	CORO1B
Synonyms:	CORONIN-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_020441.2
 CCGGGATCCGGAGCCGCCGAAGCCGGTGCCGACGCCCTGCGCCCCGGTGCCCCGA
 CATGTCCTTCGCAAAAGTGGTCCGGCAGAGCAAATTCGGCATGTGTTCCGGCAGCCGGT
 CAAGAACGACCAAGTGTATGAGGACATTCGCGTGTCCCGTGTACCTGGGACAGCACCTT
 CTGCGCCGTCAACCCCAAGTTCCTGGCGGTGATTGTGGAGGCCAGTGGAGGGGTGCCTT
 TCTGGTGTCCCCCTAAGCAAGACGGCCGCATTGACAAGGCCTACCCGACGGTGTGTGG
 GCACACGGGACCTGTCTGGACATCGACTGGTGTCTCACACGACGAAGTCATAGCCAG
 CGGCTCGGAGGACTGCACGGTCATGGTGTGGCAGATCCCAGAGAACGGGCTGACCTCCCC
 GCTGACAGAGCCGGTGGTGGTACTGGAGGGGCACACCAAGCGAGTGGGCATCATCGCCTG
 GCACCCACGGCCGAAACGTGCTGCTCAGTGCAGGCTGCGACAACGTGGTACTCATCTG
 GAATGTGGGCACAGCGGAGGAGCTGTACCGCTGGACAGCCTGCACCTGACCTCATCTA
 CAATGTCAGTGGAAACCACAATGGCAGCCTGTTTTGCTCAGCATGCAAGGACAAGAGCGT
 GCGCATCATCGACCCCGTGGGGCACCCTGGTGGCAGAGCGGGAGAAGGCTCATGAGGG
 GGCCCGGCCATCGGGGCATCTTCTGGCAGATGGCAAGGTGTTACCACAGGCTTCAG
 CCGAATGAGCGAGCGGCAGCTGGCGCTCTGGGACCCAGAAAACCTCGAGGAACCCATGGC
 CCTGCAGGAACTGGACTCGAGCAACGGGGCCCTGCTGCCCTTCTACGACCCCGACACCAG
 TGTGGTCTACGTCTGCGGCAAGGGTGAATCCAGCATCCGGTACTTTGAGATCACAGAGGA
 GCCTCCCTACATCCACTTCTGAACACGTTACCAGCAAGGAGCCGACGGGGTATGGG
 CAGCATGCCCAAGCGGGGCTGGAGGTCAGCAAGTGCAGATCGCCCGGTTCTACAACT
 GCATGAGCGCAAGTGTGAGCCCATCGTCATGACTGTGCCAAGAAAGTCCGACCTCTTCCA
 GGATGATCTGTACCCGACACAGCCGGGCCGAGGCAGCCCTGGAGGCTGAGGAGTGGGT
 GAGCGGGGCGGATGCCGACCCGATCCTCATCTCACTGCGGGAGGCCTACGTGCCAGCAA
 GCAGCGGGACCTGAAGATCAGCCGGCGCAACGTGTTGTCTGACAGCCGGCCGCCATGGC
 CCCGGGCTCCTCCACCTAGGGGCCCCCGCTCCACCACCACTGCTGCTGATGCCACCC
 CAGCGGCAGCCTGGCCAGAGCCGGGAGGCTGGGAAGCTGGAGGAGGTGATGCAGGAGCT
 GCGGGCCCTGAGGGCGTGGTCAAGGAGCAGGGCGACCGCATCTGCCGCTGGAGGAGCA
 GCTGGGCCGATGGAGAACGGGGATGCGTAGGGCCACAGCCACACGCCACCTTCTCTCC
 TCCGCCGCCCTTCCCACTCAGCTTCTGCCAGCGGTGCGACCCGGGCTAGCTGGCTGCC
 CAGAGCCTCTGAGGCAGCGCAGGGGTGAGTCCCACCCCAACCCGTCACAGGCCAGGCC
 GAAGCCAGCGCCAGCTTCTCACTGTTCTGTGGAGGATGTCTACGCCAGGGCAGCT
 CCTCGACCTCTGAGGGACCATCTCCCCGACCACTGCCAGCCCTCTGCTCCCTCCCAGA
 GGAGGCGGGAGGGTGGGCTCTATATTTTATTCCAATAAAATTCTTTCTAAAAGCCA
 AAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_020441

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:	<ol style="list-style-type: none"> 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:	<u>NM_020441.2</u> , <u>NP_065174.1</u>
RefSeq Size:	1927 bp
RefSeq ORF:	1470 bp
Locus ID:	57175
UniProt ID:	<u>Q9BR76</u>
Cytogenetics:	11q13.2
Domains:	WD40
Gene Summary:	<p>Members of the coronin family, such as CORO1B, are WD repeat-containing actin-binding proteins that regulate cell motility (Cai et al., 2005 [PubMed 16027158]).[supplied by OMIM, Mar 2008]</p> <p>Transcript Variant: This variant (1) differs in the 5' UTR compared to variant 2. Both variants 1 and 2 encode the same protein. 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.</p>