

Product datasheet for **SC300552**

BICD2 (NM_001003800) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: BICD2 (NM_001003800) Human Untagged Clone
Tag: Tag Free
Symbol: BICD2
Synonyms: bA526D8.1; SMALED2; SMALED2A; SMALED2B
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_001003800 edited
GGCAGCGGCGGCGCTGAGGAGGGCCCGCCTGCGAGAGCCTCAGTGGGAGCCGGCTCAG
CCCTCGGCCACCATGTGCGCGCCGTCGGAGGAGGAGGAGTACGCGCGGCTGGTGTGGAG
GCGCAGCCGAGTGGCTGCGCGCCGAGGTGAAGCGGCTGTCCCACGAGCTGGCCGAGACC
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GAGCTGCTGGCCCGCTGGAGAAGGAGCTAAAGAAGGTGAGCGACGTCGCCGGCGAGACA
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AGACAAAGCACAAAAA
    
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Restriction Sites:

Please inquire

ACCN:

NM_001003800

Insert Size:

6500 bp

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:

The ORF of this clone has been fully sequenced and found to be a perfect match to NM_001003800.1.

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_001003800.1</u> , <u>NP_001003800.1</u>
RefSeq Size:	6433 bp
RefSeq ORF:	2568 bp
Locus ID:	23299
UniProt ID:	<u>Q8TD16</u>
Cytogenetics:	9q22.31
Gene Summary:	This gene is one of two human homologs of Drosophila bicaudal-D and a member of the Bicoid family. It has been implicated in dynein-mediated, minus end-directed motility along microtubules. It has also been reported to be a phosphorylation target of NIMA related kinase 8. Two alternative splice variants have been described. [provided by RefSeq, Jul 2008] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).