

## Product datasheet for **SC319515**

### Bif (SH3GLB1) (NM\_016009) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Bif (SH3GLB1) (NM\_016009) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Bif  
**Synonyms:** Bif-1; CGI-61; dj612B15.2; PPP1R70  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC (PS100020)  
**E. coli Selection:** Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_016009.3  
 CTCGCCGCCGCTAGGTCGGCCGGCTCCGCCCGGCTGCCGCCTAGGATGAATATCATGGAC  
 TTCAACGTGAAGAAGCTGGCCAGGCTGAGAAGACAGAATTGGATGCTCACTTAGAGAACCTC  
 ACAGAAGAAAAGCTTGGCCAGGCTGAGAAGACAGAATTGGATGCTCACTTAGAGAACCTC  
 CTTAGCAAAGCTGAATGTACAAAATATGGACAGAAAAAATAATGAAACAACTGAAGTG  
 TTATTGCAGCCAAATCCAAATGCCAGGATAGAAGAATTTGTTTATGAGAACTGGATAGA  
 AAAGCTCCAAGTCGTATAAAACAACCCAGAACTTTGGGACAATATGATTGATGCAGGG  
 ACTGAGTTTGGCCAGGAACAGCTTATGGTAATGCCCTTATTAATGTGGAGAAACCCAA  
 AAAAGAATTGGAACAGCAGACAGAGAACTGATTCAAACGTCAGCCTTAAATTTTCTTACT  
 CCTTTAAGAACTTTATAGAAGGAGATTACAAAACAATTGCTAAAGAAAGGAACTATTG  
 CAAAATAAGAGACTGGATTTGGATGCTGCAAAAACGAGACTAAAAAGGCAAAAGCTGCA  
 GAAACTAGAAATTCATCTGAACAGGAATTAAGAATAACTCAAAGTGAATTTGATCGTCAA  
 GCAGAGATTACCAGACTTCTGCTAGAGGGAATCAGCAGTACACATGCCATCACCTTCGC  
 TGTCTGAATGACTTTGTAGAAGCCAGATGACTTACTATGCACAGTGTTACCAGTATATG  
 TTGGACCTCCAGAAACAACCTGGGAAGTTTTCCATCCAATTATCTTAGTAACAACAATCAG  
 ACTTCTGTGACACCTGTACCATCAGTTTTACCAAATGCGATTGGTTCTTCTGCCATGGCT  
 TCAACAAGTGGCCTAGTAATCACCTCTCCTTCCAACCTCAGTGACCTTAAGGAGTGTAGT  
 GGCAGCAGAAAAGGCCAGGTTCTCTATGATTATGATGCAGCAAACAGTACTGAATTATCA  
 CTTCTGGCAGATGAGGTGATCACTGTGTTTCAGTGTGTTGGAATGGATTGAGTACTGAGT  
 ATGGGGGAAAGGGGAAACAGAAAGGGCAAGGTGCCAATTACCTACTTAGAACTGCTCAAT  
 TAAGTAGTGGACTATGGAAGGTTGCCCATCATGACTTTGTATTATATACAATTAACCT  
 CTAATAAAGCAGGTTAAGTATCTTCAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire  
**ACCN:** NM\_016009



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<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	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.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_016009.3</a></u> , <u><a href="#">NP_057093.1</a></u>
<b>RefSeq Size:</b>	6373 bp
<b>RefSeq ORF:</b>	1098 bp
<b>Locus ID:</b>	51100
<b>UniProt ID:</b>	<u><a href="#">Q9Y371</a></u>
<b>Cytogenetics:</b>	1p22.3
<b>Domains:</b>	SH3, BAR
<b>Protein Pathways:</b>	Endocytosis
<b>Gene Summary:</b>	<p>This gene encodes a SRC homology 3 domain-containing protein. The encoded protein interacts with the proapoptotic member of the Bcl-2 family, Bcl-2-associated X protein (Bax) and may be involved in regulating apoptotic signaling pathways. This protein may also be involved in maintaining mitochondrial morphology. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Sep 2011]</p> <p>Transcript Variant: This variant (1) is a predominant transcript and encodes isoform 1.</p> <p>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>