

Product datasheet for **SC329826**

Bif (SH3GLB1) (NM_001206653) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Bif (SH3GLB1) (NM_001206653) Human Untagged Clone
Tag: Tag Free
Symbol: SH3GLB1
Synonyms: Bif-1; CGI-61; dj612B15.2; PPP1R70
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC329826 representing NM_001206653.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

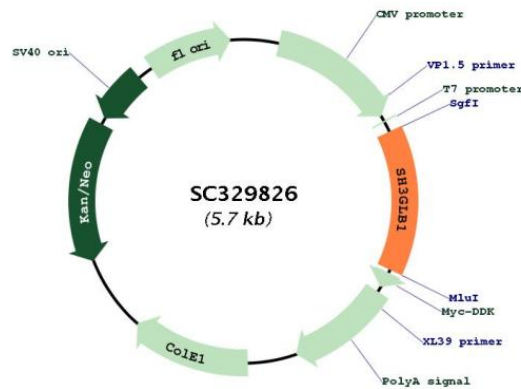
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ATGATTGATGCAGGGACTGAGTTTGGCCCAGGAACAGCTTATGGTAATGCCCTTATTAATGTGGAGAA
ACCCAAAAAGAATTGGAACAGCAGACAGAGAAGCTGATTCAAACGTCAGCCTTAAATTTCTTACTCCT
TTAAGAACTTTATAGAAGGAGATTACAAAACAATTGCTAAAGAAAGGAACTATTGCAAATAAGAGA
CTGGATTTGGATGCTGCAAAAACGAGACTAAAAAAGGCAAAGCTGCAGAACTAGAAATTCATCTGAA
CAGGAATTAAGAATAACTCAAAGTGAATTTGATCGTCAAGCAGAGATTACCAGACTTCTGCTAGAGGGA
ATCAGCAGTACACATGCCATCACCTTCGCTGTCTGAATGACTTTGTAGAAGCCCAGATGACTTACTAT
GCACAGTGTACCAGTATATGTTGGACCTCCAGAAACAAGTGGGAAGTTTTCCATCCAATTATCTTGT
AACAACAATCAGACTTCTGTGACACCTGTACCATCAGTTTTACCAATGCGATTGGTTCTTCTGCCATG
GCTTCAACAAGTGGCCTAGTAATCACCTCTCCTTCCAACCTCAGTGACCTTAAGGAGTGTAGTGGCAGC
AGAAAGGCCAGGGTTCTCTATGATTATGATGCAGCAAACAGTACTGAATTATCACTTCTGGCAGATGAG
GTGATCACTGTGTTCACTGTTGTTGGAATGGATTCAGACTGGCTAATGGGGAAAGGGGAAACCAGAA
GGCAAGGTGCCAATTACCTACTTAGAAGTCTCAATTA
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Restriction Sites: SgfI-MluI



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Plasmid Map:



ACCN: NM_001206653

Insert Size: 798 bp

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).

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_001206653.1](#)

RefSeq Size: 6240 bp

RefSeq ORF: 798 bp

Locus ID: 51100

UniProt ID: [Q9Y371](#)

Cytogenetics: 1p22.3

Protein Pathways: Endocytosis

MW: 29.3 kDa

Gene Summary: 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]
Transcript Variant: This variant (4) lacks an exon in the 5' region, resulting in a downstream AUG start codon, compared to variant 1. The resulting isoform (4) has a shorter N-terminus, compared to isoform 1. 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.