

Product datasheet for **RC232632**

Bif (SH3GLB1) (NM_001206652) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Bif (SH3GLB1) (NM_001206652) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: SH3GLB1
Synonyms: Bif-1; CGI-61; dj612B15.2; PPP1R70
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RC232632 representing NM_001206652
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAATATCATGGACTTCAACGTGAAGAAGCTGGCGGCCGACGCAGGCACCTTCCTCAGTCGCGCCGTGC
AGTTCACAGAAGAAAAGCTTGGCCAGGCTGAGAAGACAGAATTGGATGCTCACTTAGAGAACCTCCTTAG
CAAAGCTGAATGTACAAAATATGGACAGAAAAAATAATGAAACAACTGAAGTGTATTGCAGCCAAAT
CCAAATGCCAGGATAGAAGAATTTGTTTATGAGAACTGGATAGAAAAGCTCCAAGTCGTATAAACAAAC
CAGAACTTTGGGACAATATATGATTGATGCAGGGACTGAGTTTGGCCCAGGAACAGCTTATGGTAAATGC
CCTTATTAATGTGGAGAAACCAAAAAAGAAATTGGAACAGCAGACAGAGAACTGATTCAAACGTGACCC
TAAATTTTCTTACTCCTTTAAGAACTTTATAGAAGGAGATTACAAAACAATTGCTAAAGAAAGGAAAC
TATTGCAAAATAAGAGACTGGATTTGGATGCTGCAAAAACGAGACTAAAAAGGCCAAAAGCTGCAGAAAC
TAGAAATTCACAATAAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCA
AAATCTGAACAGGAATTAAGAATAACTCAAAGTGAATTTGATCGTCAAGCAGAGATTACCAGACTCTGC
TAGAGGGAATCAGCAGTACACATGCCATCACCTTCGCTGTCTGAATGACTTTGTAGAAGCCAGATGAC
TACTATGCACAGTGTACCAGTATATGTTGGACCTCCAGAAACAAGTGGGAAGTTTCCATCCAATTAT
CTTAGTAACAACAATCAGACTTCTGTGACACCTGTACCATCAGTTTTACCAAATGCGATTGGTTCTTCTG
CCATGGCTTCAACAAGTGGCCTAGTAATCACCTCTCCTTCCAACCTCAGTGACCTTAAGGAGTGTAGTGG
CAGCAGAAAGGCCAGGTTCTCTATGATTATGATGCAGCAAACAGTACTGAATTACTTCTGGCAGAT
GAGGTGATCACTGTGTTCAAGTGTGTTGGAATGGATTGACTGGCTAATGGGGAAAGGGGAAACCAGA
AGGGCAAGGTGCCAATTACCTACTTAGAACTGCTCAAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC232632 representing NM_001206652
Red=Cloning site Green=Tags(s)

MNIMDFNVKLAADAGTFLSRAVQFTEEKLGQAEKTELEDAHLENLLSKAECTKIWTEKIMKQTEVLLQPN
 PNARIEEFVYEKLDKAPSRINPELLGQYIMIDAGTEFGPGTAYGNALIKCGETQKRIGTADRELIQTSALN
 FLTPLRNFIEGDYKTIAKERKLLQNKRLDLDAKTRLLKAKAAETRNSQLNSARLEGDNIMIWAEEVTK
 SEQELRITQSEFDRQAEITRLLLEGISSTHAHLRCLNDFVEAQMTYYAQCYQYMLDLQKQLGSFSPNY
 LSNNNQTSVTPVPSVLPNAIGSSAMASTSGLVITSPNLSDLKECSGSRKARVLYDYDAANSTELSLLD
 EVITVFSVVGMSDWLMGERGNQKGVPIITYLELLN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

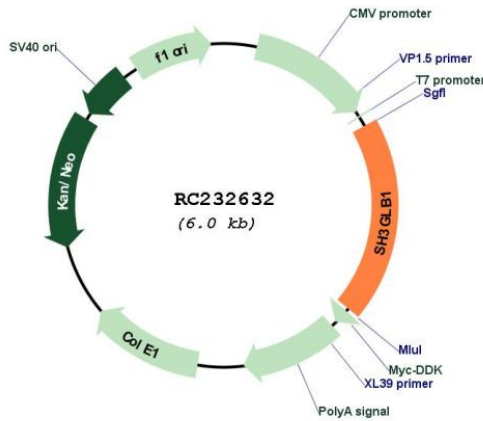
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001206652

ORF Size:	1158 bp
OTI Disclaimer:	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 clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_001206652.2
RefSeq Size:	6445 bp
RefSeq ORF:	1161 bp
Locus ID:	51100
UniProt ID:	Q9Y371
Cytogenetics:	1p22.3
Protein Pathways:	Endocytosis
MW:	43.6 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]