

Product datasheet for **SC325180**

BHLHB9 (NM_001142526) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BHLHB9 (NM_001142526) Human Untagged Clone
Tag:	Tag Free
Symbol:	BHLHB9
Synonyms:	GASP3; p60TRP
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_001142526 edited
GGACGACACCTGTGCTCCGCAGAGCAGAACGCTGGGAGGAACGGCGGGATGTTAAGGAGCT
CAAGAAGCAGAGAGTCTACCTGCCGACGCTTCGTGGAGAGGAGCAGCGTTGCTGTTG
GAGGAGGTCTGTTTCTTTCTAGGTTCTGTAGAGATCTGTATGTAGCTGTCACTTGAA
GTTAATTAAGAAAGAACAATACTATTCAATTTGGATTCAAGTCCATCTCCACTGGTGGC
TGTGGTGGCTTTGGATTGTTGGAAGACCATCACCTTCAGCAGGTCTGCACTTGGGAACA
TCATTCTCCCCAGCCGAGCGTGCCTCTGCCCTCTGTATCATTGACAGAGGCTGTATGT
TTGAAAGAGAATTTGTGACTGCAGAAGTACAGTTCAGTCTAATTTCTGCTACCAAGT
TTTTCCCCGACCCAGTGAAGAGTGTAAAGACTTCGACCTAGGACACATTGAGAACAAG
GCCAAGACTGGACAGGGCCATATAACTGGGCTTCAACCATGGCTGGGACTAAGAATAAGA
CAAGAGCCAGGCCAAAAGTGAATAAAGGCTGTATACAAGCTAAAGCTGGAGCAGAGA
GGGAGGCTACTGGTGTGTTAGGCTGTAGCCAAGACCAGGGCCAAAGCAAAAGCCAAGA
CAGGGTCTAAGACAGATGCAAGTACAGAGATGAAGGCAGTGTCTAAGAACAAGGTTGTTG
CTGAGACGAAGGAAGGAGCTCTGTGAGGCTAAGACTCTGGGCAAGCCATGGGAGATT
TCACTCCAAGGCTGGGAATGAGTCCACCAGCTCCACATGTAATAATGAGGCTGGTACTG
ATGCTGGTCTGGGCTGGGGAAGAGGCCACTATCAATTCCTGGTCTGGAATGGAGAAG
AGGCTGTAATAGTTTCAGCACTAAGAATGATAAACCTGAAATGGTGCCAGGTCTGTG
CTGAGGAGTTGGAACCTGCGCTGGGCGGATTGCAACCTAGGTGAGGGCTGAGGAGG
AGGAGGAAGAGAATGTTATTGGGAAGTGGTTTGGGAAGGAGATGATACTAGTTTTGACC
CTAATCCTAAACCTGTGAGCAGGATAGTTAAGCCTCAGCCTGTGTATGAAATTAATGAAA
AAAATAGGCCCAAGGACTGGTCTGAGGTAAGTATCTGGCCAATGCCCTGCTGTAAGTCT
CAGCTGTGTTAGGATTTAGATCCCAGGCACCATCTGAGGCAAGCCCTCCTTCATATATTG
TTCTGGCCTCCGCTGAAGAAAATGCCTGTTCTTTGCCTGTGGCAACAGCTTGCCGCCCTT
CTAGGAACACTCGCTCATGCTCACAGCCTATCCCTGAGTGTGTTTTGATTCTGACCCT
GCATCCAGACCATAGATGAGATTAGACGTCAAATCAGGATCAGGGAGGTAATGGGATTA
AGCCATTTGCTTGTCTTGCAAAATGGAATGCTATATGGATTCTGAGGAATTTGAAAAAC
TTGTTAGCTTACTTAAGTCAACTACTGATCCTCTATTCAATAAATAGCAGGATTGCAA



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TGGGTGTCCATAATGTTACCCATTTGCCAAGAGTTTATTAACGAAGTAGGTGTAGTGA
 CACTTATTGAAAGCTTGCTCAGTTTTCTTCCCCTGAAATGAGAAAAAGACTGTAAATTA
 CTCTGAATCCTCCTTCTGGGGATGAAAGACAACGCAAAATGAATTACATGTTAAGCATA
 TGTGTAAGAAACCATGTCATTTCTTTGAACTCACCGGGACAGCAATCTGGATTAAGA
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 TTTTAAATATGCTGAAATCCAACCTGCAGCCAGAGACATGATCAATATGAAGGCATTGG
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 AAAATGAGCCAGAGATAGAACATTTTAAGCCATCTTCAAACCTCTAGCAGGCTGTACATTA
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 CTCAGAATCTCAGACAAAATGATTATTTGTTCAATTTTAAATTTTGTACTACATTCATA
 ACTCTTAAATTTGTTAGGCTGTTTCATTTACATCAAAGTTATCTCACAAAAGAGAAGGCAG
 GAAACGTTTTGTGAGTGCCTATTCTATGTCAAACACTGTGTTGGCACCATATTTTACAAG
 TTTTTTCTCTCTCACAGTGATCTTTGTGAGTTAGTTACTTATATTTTTATTAGAACT
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 ACAGCAGGAAGGTGGCATAGCTGTTTTGTCTGACACCAGAACCCATCTACCACACTGCT
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 TCCAAATTCGTGTGTCCATTAGACATTTGGCTACATCTGGCTGGAGGTGAGGAGAAAAT
 CTGAGGTAATAGATGGATTTTATCTGGCAGTGTGAAAATAGTAGGAGCCTAAAACCTT
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 TGTATCTTTTTCTATCCATTTGTATTTTTCTTTCCCAAAGAGCTGAAATCAATTTTATAC
 CCTGAATTTAAAAGGTAATTGCTTTTTTCTCCTTGCGAAATCATACCTAATTTTTTTTT
 TTTTTTTTTTTTACCATTATGATTTTATCTCCTATGTGTCATATGAAAGGCCAAGGGGC
 TTTATCTTTTACTAGTAGGCAAGCCTGGGCATTTCTGCATTTGTGCCAGCTAACACTACA
 AAATAGACTTAATTAGAGAAATTTAGACCCAGAAATGCGAGCTTCAACAACACAAAACAGG
 AAAGCTAGAAGAGGTTGCTGTGTCAACCTACAAGATAGTGATTCTTGGAAAGTTGGTATGG
 ACCAGAAAGCATTCCCAGGACATTTAGGCTATGGCTGAGTTCTTAAGACTCAGGTTGGG
 AATTATAATCCCTGGTCTAAGCTGATATGAAAGTTTCTATGTGTGAAAATATGGAGTTAT
 ATGCTTTGAGATTTTCTGCCAGTTAAACTAAAACAAGATCATACTGTAATGTTTGTAAAC
 TTGCTTCCCCCACTGTATACTGTAACATCTTTGCATGTCAATAAATATGCCTCTACAA
 CATAAAAAAAAAAAAAA

Restriction Sites:

Please inquire

ACCN:

NM_001142526

Insert Size:

4000 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).

OTI Annotation:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_001142526.1.
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_001142526.1</u> , <u>NP_001135998.1</u>
RefSeq Size:	4031 bp
RefSeq ORF:	1644 bp
Locus ID:	80823
UniProt ID:	<u>Q6PI77</u>
Cytogenetics:	Xq22.1
Gene Summary:	<p>This gene is a member of a gene family which encodes proteins with a basic helix-loop-helix domain. Other members of this gene family encode proteins which function as transcription factors, either enhancing or inhibiting transcription depending on the activity of other DNA binding proteins. The coding region of this gene is located entirely within the terminal exon. The encoded protein may be involved in the survival of neurons (PMID: 15034937). Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Sep 2011]</p> <p>Transcript Variant: This variant (4) differs in the 5' UTR, compared to variant 1. Variants 1-8 encode the same protein.</p>