

Product datasheet for **SC325179**

BHLHB9 (NM_001142525) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BHLHB9 (NM_001142525) Human Untagged Clone
Tag:	Tag Free
Symbol:	BHLHB9
Synonyms:	GASP3; p60TRP
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_001142525 edited
 GTTTTCTTGCATCCAGAAAAGACCTGAGAGGCGGACGACACCTGTGCTCCGCAGAGCAGA
 ACGTGGGAGGAACGGCGGGATGTTAAGGAGCTCAAGAAGCAGAGAGTCTACCTGCCCGAC
 CGTTTCGTGGAGAGGAGCAGCGTTGCTGTTGGAGGAGGTGGGTGCAAGGACGGCAGATG
 GCATCCCTGAGAGGTGGTGACTGAGACTAGATGCGGGTGCAAGGTCTGTTTCTTTCTAGGT
 TCCTGTAGAGATCTGTATGTAGCTGTTCACTTGGAAAGTTAATTAAGAAAGAACAAAAACT
 ATTCATTTGGATTCAAGGTCCATCTCCACTGGTGGCTGTGGTGGCTTTGGATTGTTGGAA
 GACCATCACCTTCAGCAGGTCTGCACTTGGGAACAATCATTCTCCCCAGCCGAGCGTG
 CCTCTGCCCTCTGTATCATTGANCAGAGGCTGTATGTTTGGAAAGAGAATTTGTGACTG
 CAGAACTGACAGTTGACTCTAATTCCTGCTACCAAGTTTTTCCCCGACCCAGTGAAGAG
 TGTTAAGACTTCGACCTAGGACACATTGAGAACCAAGGCCAAGACTGGACAGGGCCATAT
 AACTGGGCTTCAACCATGGCTGGGACTAAGAATAAGACAAGAGCCAGGCCAAAAGTGA
 AAAAAGGCTGCTATACAAGCTAAAGCTGGAGCAGAGAGGGAGGCTACTGGTGTGTTAGG
 CCTGTAGCCAAGACCAGGGCCAAAGCAAAGGCAAGACAGGGTCTAAGACAGATGCAAGTA
 GCAGAGATGAAGGCAGTGTCTAAGAACAAGGTTGTTGCTGAGACGAAGGAAGGAGCTCTG
 TCAGAGCCTAAGACTCTGGGCAAAGCCATGGGAGATTTCACTCCCAAGGCTGGGAATGAG
 TCCACCAGCTCCACATGTAAAAATGAGGCTGGTACTGATGCCTGGTCTGGGCTGGGGAA
 GAGGCCACTATCAATTCCTGGTTCTGGAATGGAGAAGAGGCTGGTAATAGTTTCAGCACT
 AAGAATGATAAACCTGAAATGGTGCCAGGCTGTGCTGAGGAGTTGGAACCTGCGGCT
 GGGCCGATTGCAAACCTAGGTCAGGGGCTGAGGAGGAGGGAAGAGAATGTTATTGGG
 AACTGGTTTTGGGAAGGAGATGATACTAGTTTTGACCCTAATCCTAAACCTGTGAGCAGG
 ATAGTTAAGCCTCAGCCTGTGTATGAAATTAATGAAAAAATAGGCCAAGGACTGGTCT
 GAGGTAATCTGGCCAATGCCCTGCTGTAACCTCAGCTGTGTTAGGATTTAGATCC
 CAGGCACCATCTGAGGCAAGCCCTCCTCATATATTGTTCTGGCCTCCGCTGAAGAAAAT
 GCCTGTTCTTTGCCTGTGGCAACAGCTTGCCGCCCTTCTAGGAACACTCGCTCATGCTCA
 CAGCCTATCCCTGAGTGTGTTTTGATTCTGACCCTGCATCCAGACCATAGATGAGATT
 AGACGTCAAATCAGGATCAGGGAGGTAATGGGATTAAGCCATTTGCTTGTCTTGCAAA



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ATGGAATGCTATATGGATTCTGAGGAATTTGAAAACTTGTTAGCTTACTTAAGTCAACT
 ACTGATCCTCTTATTCATAAAAATAGCACGGATTGCAATGGGTGTCCATAATGTTACCCA
 TTTGCCAAAGAGTTTATTAACGAAGTAGGTGTAGTGACACTTATTGAAAGCTTGCTCAGT
 TTTCTTCCCCTGAAATGAGAAAAAGACTGTAATTACTCTGAATCCTCCTTCTGGGGAT
 GAAAGACAACGCAAAATGAATTACATGTTAAGCATATGTGTAAGAAACCATGTCATTT
 CCTTTGAACTCACCGGGACAGCAATCTGGATTAAGATACTAGGACAACACTGACTACTGAT
 TTTGTCCATCACTACATTGTTGCCAATTACTTTTCAGAGCTTTTCCATTTGCTGTCTCA
 GGAAATTGCAAAAACAGAAATCTTGTTTTGAACTACTTTTAAATATGTCTGAAAAATCCA
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 CAGAAAGAGGCAAAAGCCAATCTTGTTAGTGGTGTGGCCATATTTAATACATAAAGGAG
 CATATCAGAAAAGGCTCAATTGTAGTTGTTGATCACTTGAGTTATAATACACTCATGGCC
 ATTTTCAGGGAAGTTAAGAGATTATTGAAACAATGTAATGAGCCAGAGATAGAACAT
 TTTAAGCCATCTTCAAACCTAGCAGGCTGTACATTACAGTGTACACATTATACACTGCA
 TCTTTAACACAGAGTCACCTGTGACAGGCTCTAGGTTTGAGCTAGACTATTTGGGGTA
 TCAAATGAATATTATACCTTGGGCTGAAAATGTTTGATTTTTATCTTGTCTAGATTGGCA
 TATTTTTAACATTTTACTTAAGATAGCAAACAGTTTCGTTTTAAGTAAGCTAACTTGTTT
 ATTAGTATCTGTGGCTTAAAATGGCAAAAAGAAAATATCCTTGAGTTTGAATCTAGTT
 ACAGAAGTAAGGCATACACACACAAAAGATAACAGTACCTAGAGAGAGAGTGTGTGTGA
 GTGTGCGTGTCTCTGTGTGTGCACGTGCACGCTCATGGCCAAATGTGCGCACTCTACATA
 AAGGAGGCAGGAGTTCCTATAGGCTATTTAATGTAAGAGAAAATTTTTCTCCTGTTCC
 AGCTGTATCAGATACTCGTTCGCAACACAGAAATGACTCAGAATCTCAGACAAAATGTA
 TTATTTGTTCAATTTTAAATTTTGTACTACATTCATAACTCTTAAATTTGTTAGGCTGTTT
 CATTTACATCAAAGTTATCTCACAAAAGAGAAGGCAGGAAACGTTTTGTGAGTGCCTATT
 CTATGTCAAACACTGTGTTGGCACCATATTTTACAAGTTTTTTTTCTCTTCTCACAGTGA
 TCTTGTGAGTTAGTTACTTATATTTTTATTAGAACTCATTATTCTGGGTACCCTCCAATG
 AGAATTAGAGAGGTTAAATACCTTTTCTAGATCCCACAGCAGGAAGGTGGCATAGCTG
 TTTTGTCTGACACCAGAACCCATCTCACCACACTGCTTTACAGTCTTCTGAAGGACATT
 TTGAGGTGGGGGGCCTTCAAAGCTCAGAGACTGGTTTGAATGGTTTAAATTTGCAATGG
 ATCATGTCCATGCCAGGTGTTACAATTCTAACTTCTCCAAATTCGTGTGTCCATTAGA
 CATTTGGCTACATCTGGCTGGAGGTCAGGAGAAAATCTGAGGTAATAGATGGATTTTA
 TCTGGCAGTGTGCAAAAATAGTAGGAGCCTAAAACCTTTGTTCAATGAGTAAGATGTAGATT
 TGGAGTCATCAGCAGGGGAACTTGTTAGATGTCTTTGTATCTTTTTCTATCCATTTGT
 ATTTTTCTTTCCAAAGAGCTGAAATCAATTTTATACCCTGAATTTAAAAGGTAATTGCT
 TTTTTCTCCTTGCGAAATCATACCTTAAATTTTTTTTTTTTTTTTTTTTACCATTATGA
 TTTATTCTCCTATGTGTCATATGAAAGGCCAAGGGGCTTTATCTTTTACTAGTAGGCAAG
 CCTGGGCATTTCTGCATTTGTGCCAGCTAACACTACAAAATAGACTTAAATAGAGAAAT
 TAGACCCAGAATTGCAGCTTCAACAACACAAAACAGGAAAGCTAGAAGAGGTTGCTGTGT
 CAACCTACAAGATAGTGATTCTTGAAGTTGGTATGGACCAGAAAGCATTCCCAGGACAT
 TTAGGCTATGGCTGAGTTCTCAAGACTCAGGGTGGGAATTATAATCCCTGGTCTAAGCT
 GATATGAAAAGTTTCTATGTGTGAAAATATGGAGTTATATGCTTTGAGATTTTCTGCCAGT
 TAAACTAAAACAAGATCATACTGTAATGTTTGAACCTGCTTCCCCCTGTATACTG
 TAAACATCTTGCATGTCAATAAATATGCCTCTACAACATAAAAAAAAAAAAAA

Restriction Sites:

Please inquire

ACCN:

NM_001142525

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_001142525.1.
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_001142525.1</u> , <u>NP_001135997.1</u>
RefSeq Size:	4095 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 (3) differs in the 5' UTR, compared to variant 1. Variants 1-8 encode the same protein.</p>