

Product datasheet for **SC325181**

BHLHB9 (NM_001142527) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: BHLHB9 (NM_001142527) Human Untagged Clone
Tag: Tag Free
Symbol: BHLHB9
Synonyms: GASP3; p60TRP
Mammalian Cell Selection: None
Vector: pCMV6-XL6
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_001142527 edited
AAAGACCTGAGAGGCGGACGACACCTGTGCTCCGCAGAGCAGAACGTGGGAGGAACGGCG
GGATGTTAAGGAGCTCAAGAAGCAGAGAGTCTACCTGCCCGACGGTTCGTGGAGAGGAG
CAGCGGTTGCTGTTGGAGGAGGTGGGTGCAAGGACGGCAGATGGCATCCCTGAGAGGTGG
TGACTGAGACTAGATGCCGGTGCAGGTCTGTTTCTTTCTAGGTTCTGTAGAGATCTGTA
TGTAGCTGTTCACTTGGAAAGTTAATTAAGAAAGAACAATACTATTTCATTTGGATTCAAG
GTCCATCTCCACTGGTGGCTGTGGTGGCTTTGGATTGTTGGAAGACCATCACCTTCAGCA
GGTCTGCACTTGGGAACAATCATTCTCCCCAGCCGAGCGTGCCTCTGCCCTCTGTATC
ATTGACAGAGGCTGTATGTTTGGAAAGAGAAGTGTGACTGCAGAACTGACAGTTGACT
CTAATTTCTGCTACCAAGTTTTTCCCCGACCCAGTAAAAGAGTGTAAAGACTTCGACCTA
GGACACATTGAGAACCAAGGCCAAGACTGGACAGGGCCATATAACTGGGCTTCAACCATG
GCTGGGACTAAGAATAAGACAAGAGCCAGGCCAAAAGTAAAAAAGGCTGCTATACAA
GCTAAAGCTGGAGCAGAGAGGGAGGCTACTGGTGTGTTAGGCCTGTAGCCAAGACCAGG
GCCAAAGCAAAAGCCAAGACAGGGTCTAAGACAGATGCAGTAGCAGAGATGAAGGCAGTG
TCTAAGAACAAGGTTGTTGCTGAGACGAAGGAAGGAGCTCTGTCAGAGCCTAAGACTCTG
GGCAAAGCCATGGGAGATTTCACTCCCAAGGCTGGGAATGAGTCCACCAGCTCCACATGT
AAAAATGAGGCTGGTACTGATGCCTGGTCTGGGCTGGGAAGAGGCCACTATCAATTCC
TGGTCTGGAATGGAGAAGAGGCTGGTAATAGTTTCAGCACTAAGAATGATAAACCTGAA
ATTGGTGCCAGGCTGTGCTGAGGAGTTGGAACCTGCGGCTGGGCGGATTGCAAACT
AGGTGAGGGGCTGAGGAGGAGGGAAGAGAATGTTATTGGGAAGTGGTTTTGGGAAGGA
GATGATACTAGTTTTGACCCATACTAAACCTGTGAGCAGGATAGTTAAGCCTCAGCCT
GTGTATGAAATTAATGAAAAAATAGGCCCAAGGACTGGTCTGAGGTAATCTGGCCC
AATGCCCTGCTGTAACCTCCAGCTGTGTTAGGATTTAGATCCCAGGCACCATCTGAGGCA
AGCCCTCCTTCATATATTGTTCTGGCCTCCGCTGAAGAAAATGCCTGTTCTTTGCCTGTG
GCAACAGCTTGCCGCCCTTCTAGGAACACTCGCTCATGCTCACAGCCTATCCCTGAGTGT
CGTTTTGATTCTGACCCCTGCATCCAGACCATAGATGAGATTAGACGTCAAATCAGGATC
AGGGAGGTAATGGGATTAAGCCATTTGCTTGCTTGCAAAATGGAATGCTATATGGAT



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TCTGAGGAATTTGAAAACTTGTTAGCTTACTTAAGTCAACTACTGATCCTTATTTCAT
 AAAATAGCACGGATTGCAATGGGTGCCATAATGTTACCCATTTGCCCAAGAGTTTATT
 AACGAAGTAGGTGTAGTGACACTTATTGAAAGCTTGCTCAGTTTTCTTCCCCTGAAATG
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 ATAGGCTATTTAATGTAAGAGAACTATTTTTCTCTGTCCAGCTGTATCAGATACTCG
 TTCCGCAACACAGAAATGACTCAGAATCTCAGACAAAATGATTATTTGTTCAATTTTAA
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 GTTACAATTTCTAACTTCTCAAATTCGTGTGCCATTAGACATTTGGCTACATCTGGC
 TGGAGGTCAGGAGAAAATCTGAGGTAATAGATGGATTTTATCTGGCAGTGTGAAAAT
 AGTAGGAGCCTAAAACCTTTGTTCAATGAGTAAGATGTAGATTTGGAGTCATCAGCAGGG
 AAACCTGTTAGATGTCCTTTGTATCTTTTTCTATCCATTTGTATTTTTCTTTCCCAAAG
 AGCTGAAATCATTTTATACCCTGAATTTAAAAGGTAATTGCTTTTTTCTCTTGGCGAAA
 TCATACCTTAATTTTTTTTTTTTTTTTTTACCATTTATGATTTATTCTCCTATGTGTC
 ATATGAAAGGCCAAGGGCTTTATCTTTACTAGTAGGCAAGCCTGGGCATTTCTGCATT
 TGTGCCAGCTAACACTACAAAATAGACTTAATAGAGAAATTTAGACCCAGAATTGCAGC
 TTCAACAACACAAAACAGGAAAGCTAGAAGAGGTTGCTGTGTCAACCTACAAGATAGTGA
 TTCTTGGAAAGTTGGTATGGACCAGAAAGCATTCCAGGACATTTAGGCTATGGCTGAGTT
 CTCTAAGACTCAGGGTGGGAATTATAATCCCTGGTCTAAGCTGATATGAAAGTTTCTATG
 TGTGAAAATATGGAGTTATATGCTTTGAGATTTTCTGCCAGTTAAACTAAAACAAGATCA
 TACTGTAATGTTTGTAACCTGCTTCCCCCACTGTATACTGTAAACATCTTTGCATGTC
 AATAAATATGCCTCTACAACATAAAAAAAAAAAAAAAAAA

Restriction Sites:

Please inquire

ACCN:

NM_001142527

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_001142527.1.
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_001142527.1</u> , <u>NP_001135999.1</u>
RefSeq Size:	4083 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 (5) differs in the 5' UTR, compared to variant 1. Variants 1-8 encode the same protein.</p>