

Product datasheet for **SC325183**

BHLHB9 (NM_001142529) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BHLHB9 (NM_001142529) 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_001142529 edited
 CCCTCGGGAGAGAGCGTTCTTGACAGCATCCTGCGCAGCCCCTGCCAGTTTGGTGCAG
 AGGCGTGGGGGGGGGACGCGTCTTTGCCATTCTGATAGCGGGGAAAGCGGTGAGAAATCG
 AAGTGAGGAGCCGCCAGAGGAGAGCTGAGGAGAGGAGGGGAGGTGACGACCTGGGCC
 TGGCCTCTGAAGTCTGTTCTTTCTAGGTTCCCTGTAGAGATCTGTATGTAGCTGTTCA
 CTTGGAAGTTAATTAAGAAAGAACAAAACTATTCATTTGGATTCAAGTCCATCTCCAC
 TGGTGGCTGTGGTGGCTTTGGATTGTTGGAAGACCATCACCTTCAGCAGGTCTGCACTTG
 GGAACAATCATTCTCCCCAGCCGAGCGTGCCTCTGCCCTCTGTATCATTGACAGAGGC
 TGTATGTTTGGAAAGAGAACTTTGTGACTGCAGAACTGACAGTTGACTCTAATTCCTGCT
 ACCAAGTTTTTCCCCGACCCAGTGAAGAGTGTTAAGACTTCGACCTAGGACACATTGAG
 AACCAAGCCAAGACTGGACAGGGCCATATAACTGGGCTTCAACCATGGCTGGGACTAAG
 AATAAGACAAGAGCCAGGCCAAAACCTGAAAAAAGGCTGCTATACAAGCTAAAGCTGGA
 GCAGAGAGGGAGGCTACTGGTGTGTTAGGCCTGTAGCCAAGACCAGGGCCAAAGCAAAA
 GCCAAGACAGGGTCTAAGACAGATGCAGTAGCAGAGATGAAGGCAGTGTCTAAGAACAAG
 GTTGTGCTGAGACGAAGGAAGGAGCTCTGTGACAGCCTAAGACTCTGGGCAAAGCCATG
 GGAGATTTCACTCCCAAGGCTGGGAATGAGTCCACCAGCTCCACATGAAAAATGAGGCT
 GGACTGATGCCTGGTTCTGGGCTGGGGAAGAGGCCACTATCAATTCCTGGTTCTGGAAT
 GGAGAAGAGGCTGGTAATAGTTTCAGCACTAAGAATGATAAACCTGAAATTTGGTGCCAG
 GTCTGTGCTGAGGAGTTGGAACCTGCGGCTGGGCGGATTGCAAACCTAGGTCAGGGGCT
 GAGGAGGAGGAGGAAGAGAATGTTATTGGGAAGTGGTTTTGGGAAGGAGATGATACTAGT
 TTTGACCTAATCCTAAACCTGTGAGCAGGATAGTTAAGCCTCAGCCTGTGTATGAAATT
 AATGAAAAAATAGGCCAAGGACTGGTCTGAGGTAACATCTGGCCCAATGCCCTGCT
 GTAACCTCAGCTGTGTTAGGATTTAGATCCCAGGCACCATCTGAGGCAAGCCCTCCTTCA
 TATATTGTTCTGGCCTCCGCTGAAGAAAATGCCTGTTCTTTGCCTGTGGCAACAGCTTGC
 CGCCCTTCTAGGAACACTCGCTCATGCTCACAGCCTATCCCTGAGTGTGTTTTGATTCT
 GACCCCTGCATCCAGACCATAGATGAGATTAGACGTCAAATCAGGATCAGGGAGGTAAT
 GGGATTAAGCCATTTGCTTGCTTGCCTTGCAAAATGGAATGCTATATGGATTCTGAGGAATTT



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GAAAACTTGTTAGCTTACTTAAGTCAACTACTGATCCTTATTTCATAAAATAGCACGG
 ATTGCAATGGGTGCCATAATGTTACCCATTTGCCAAGAGTTTATTAACGAAGTAGGT
 GTAGTGACACTTATTGAAAGCTTGCTCAGTTTTCTTCCCTGAAATGAGAAAAAGACT
 GTAATTACTCTGAATCCTCCTTCTGGGGATGAAAGACAACGCAAAATGAATTACATGTT
 AAGCATATGTGTAAGAAACCATGTCAATTCCTTTGAACTCACCGGGACAGCAATCTGGA
 TTAAGATACTAGGACAACACTGACTACTGATTTTTGTCCATCACTACATTGTTGCCAATTAC
 TTTTCAGAGCTTTCCATTTGCTGTCCTCAGGAAATGCAAAACCAGAAATCTTGTTTTG
 AAATACTTTTAAATATGTCTGAAAATCCAATGCAGCCAGAGACATGATCAATATGAAG
 GCATTGGCAGCATTAAAACTCATCTTTAACAGAAAGAGGCAAAAAGCCAATCTTGTTAGT
 GGTGTGGCCATATTTATTAACATAAAGGAGCATATCAGAAAAGGCTCAATTGTAGTTGTT
 GATCACTTGAGTTATAATACTCATGGCCATTTTCAGGGAAGTTAAAGAGATTATTGAA
 ACAATGTAATGAGCCAGAGATAGAACATTTTAAGCCATCTTCAAACCTAGCAGGCTG
 TACATTACAGTGTACACATTATACTGCATCTTTAACACAGAGTCACCTGTGACAGGCT
 CTAGGTTTGAGCTAGACTATTTGGGGTATCAAATGAATATTACCTGGGCTGAAAA
 TGTTTGATTTTTATCTTGCTAGATTGGCATATTTTTAACATTTACTTAAGATAGCAAA
 CCAGTTCTGTTTTAAGTAAGCTAACTTGTTCAATTAGTATCTGTGGCTTAAATGGCAAAA
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 TAACAGTACCTAGAGAGAGAGTGTGTGTGAGTGTGCGTGTCTGTGTGTGCACGTGCAC
 GCTCATGGCCAAATGTGCGCACTCTACATAAAGGAGGCAGGAGTTCTATAGGCTATTTA
 ATGTAAGAGAACTATTTTTCTCCTGTTCCAGCTGTATCAGATACTCGTTCGCAACACA
 GAAATGACTCAGAATCTCAGACAAAATGTATTATTTGTTCAATTTAATTTTGCTACTAC
 ATTCATAACTCTTAAATGTTAGGCTGTTTCATTTACATCAAAGTTATCTCACAAAAGAG
 AAGGCAGGAAACGTTTTGTGAGTGCCTATTCTATGTCAAACACTGTGTTGGCACCATT
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 AGAACTCATTATTCTGGGTACCCTCCAATGAGAATTAGAGAGGTTAAATACCTTTTCTTA
 GATTTCCACAGCAGGAAGGTGGCATAGCTGTTTTGTGTGACACCAGAACCCATCTCACCA
 CACTGCTTTACAGTCTTCTGAAGGACATTTGAGGTGGGGGGCCTTCAAAGCTCAGAG
 ACTGGTTTGAATGGTTTAAATTTGCAATGGATCATGTCCATGCCAGGTGTTACAATTCTT
 AACTTCTCCAAATTCGTGTGCCATTAGACATTTGGCTACATCTGGCTGGAGGTCAGGA
 GAAAATCTGAGGTAATAGATGGATTTATCTGGCAGTGTGAAAATAGTAGGAGCCTA
 AAATTTGTTCAATGAGTAAGATGTAGATTTGGAGTCATCAGCAGGGGAACTTGTGTA
 GTGCTTTGTATCTTTTCTATCCATTTGTATTTTTCTTTCCCAAAGAGCTGAAATCAT
 TTTATACCTGAATTTAAAGGTAATTGCTTTTTTCTCCTTGGCAAATCATACCTTAAT
 TTTTTTTTTTTTTTTTTTACCATTTATGATTTATTCTCCTATGTGTCATATGAAAGGCC
 AAGGGGCTTTATCTTTACTAGTAGGCAAGCCTGGGCATTTCTGCATTTGTGCCAGCTAA
 CACTACAAAATAGACTTAATTAGAGAAATTTAGACCCAGAATTGCAGCTTCAACAACACA
 AAACAGGAAAGCTAGAAGAGGTTGCTGTGTCAACCTACAAGATAGTGATTCTTGGAAAGTT
 GGTATGGACCAGAAAGCATTCCCAGGACATTTAGGCTATGGCTGAGTTCTCTAAGACTCA
 GGTGGAATTAATCCCTGGTCTAAGCTGATATGAAAGTTTCTATGTGTGAAAAATAG
 GAGTTATATGCTTTGAGATTTTCTGCCAGTTAACTAAAACAAGATCATACTGTAATGT
 TTGTAACCTGCTTCCCCCACTGTATACTGTAACATCTTTGCATGTCAATAAATATGCC
 TCTACAACATAAAAAAAAAAAAAA

Restriction Sites:

Please inquire

ACCN:

NM_001142529

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_001142529.1.
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:	NM_001142529.1 , NP_001136001.1
RefSeq Size:	4048 bp
RefSeq ORF:	1644 bp
Locus ID:	80823
UniProt ID:	Q6PI77
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 (7) differs in the 5' UTR, compared to variant 1. Variants 1-8 encode the same protein.</p>