

## Product datasheet for **MC218414**

### **Bhlhb9 (NM\_001098222) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Bhlhb9 (NM_001098222) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Bhlhb9
Synonyms:	2700087I09Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC218414 representing NM\_001098222  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGACTGGTTCAAAGAATAAGGCTAGGGCACAGGCTAACTAGAAAAAGGGCAAGTGCACAAGCCAGAG  
 CTGTGGCAGAGAGGGAGGCTGCTAATGCCAACCGAGGTGCAGGCAAAAGCCGGGACAAAGGGAAAGGTAA  
 GGCAGGCTCTAAATCAGATGCAGTGGCAGAGGTGAAGGCAGGGTCTAAGGAAAGGTAGTTGCTGAGACA  
 AAAGAAGGAGCGAGACCAGAATCTAAGGCTCTAGTAAAAGGCACCTCAGATTTCAACCATAGGACTGAGA  
 ACAAGTTTCTAGATCCACACGTAAGATAAGCCAGTAGTGATAACTGGTTCTGGGCTGGAGAAGATTC  
 TGGTATTAATTCCTGGTTCTGGAAGGGAGAAGAGCTTAGTAATAATTCTGTTGCTAAGTGTGAAAAATAA  
 CCTAGTACTAGTATCCAGGCTCGTGTGAGGAGCCCGCACCTAGGACCAGCCACAAGTCTAGGTCAGGTG  
 CTGAGGAGGAGGAGAAGAGAACGTTATTGGGAAGTGGTTTGGGAAGGCGATGACTGGTTTTGATAC  
 TGATCCTAAACCTGTGTTCAAAATAGTTAAACCTCAGCCAGTGGATGAAATTAATGAAAAAGATAGGCCA  
 AAGGACTGGTCCGAGGTAACATATAGGCCAAAGCTCCTGCTGTAACCTCAGCAGTGTAGGTTATAGAT  
 CCCAGGATTCATCTGAGGCAAGGTCCTTCTCATACATTGTTCTGGCCTCAAATGAAGAGGAACTTCAAC  
 AGCCTGTACTAAGAATACTCGTTCAAGCCTACAGTCTATACCTGAGTATCCATTTGGTTCTGATCCTTGC  
 ATCCAGACCTTAGATGAAATTAGACAGCAAATCAAGATCAGAGAAGAGAATGGCATCAAGCCCTTCGCTT  
 GCCCTTGCAAAGTGGAGTGTATTTGGATTCTCCAGAATTTGAAAAGCTTGTTAACATACTTAAGTCAAC  
 TACTGATCCTCTATTCCATAAAATAGCACAGATTGCAATGGGTATACATAAGGTTCCATTTGCCAG  
 GAATTCATTAATGAAGTGGCGTGGTGACACTTATTGAAAGCTTGCTCAGTTTTTCTCCCTGAGGTTA  
 GTATTAAGGCTGTGATTACTCTGAACCTTCCGGGGATGACAGATACAACAAGGTAGAGTTTCATGT  
 TAAGCATATGTGTAAGAAACTGTGCCTTCCCTTGAACCTCACCTGGCCAGCAATCTGGATTAAGATA  
 ATAGGGCAGCTGACTACCGAGTCTGTCCATCACTACATTGTAGTCAGCTACTTTTCAGAGCTTTTCCATT  
 TGCTGTCTCAGGGAAATCGTAAGACTAGGAATCTTGTTTTGAAAGTATTTTGAATATGTCTGAAAAATCC  
 CAAGGCAGCCAGAGATATGATAAATAGAAAGCGTTAGCAGCATTAAACTCATCTTTAACCAAAAAAGAG  
 GCAAAAGCCAATCTTGTTAGTGTGTGGCCATCTTTATTAACATAAAGGAGCATATTAGAAAGGGTTCAA  
 TTGTAGTAGTCGATCACTTGAGTTACAATACTCTACAGCCATATCCGTGAAGTTAAGGGGATTATCGA  
 AAGAATG**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001098222

**Insert Size:** 1620 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).

**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:**

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\\_001098222.1](#), [NP\\_001091692.1](#)

**RefSeq Size:** 2833 bp

**RefSeq ORF:** 1620 bp

**Locus ID:** 70237

**UniProt ID:** [Q6PB60](#)

**Cytogenetics:** X F1

**Gene Summary:** May play a role in the control of cellular aging and survival.[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same protein.