

Product datasheet for **MC218413**

Bhlhb9 (NM_198161) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bhlhb9 (NM_198161) 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: >MC218413 representing NM_198161
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACTGGTTCAAAGAATAAGGCTAGGGCACAGGCTAACTAGAAAAAGGGCAAGTGCACAAGCCAGAG
 CTGTGGCAGAGAGGGAGGCTGCTAATGCCAACCGAGGTGCAGGCAAAAGCCGGGACAAAGGGAAAGGTAA
 GGCAGGCTCTAAATCAGATGCAGTGGCAGAGGTGAAGGCAGGGTCTAAGGAAAGGTAGTTGCTGAGACA
 AAAGAAGGAGCGAGACCAGAATCTAAGGCTCTAGTAAAAGGCACCTCAGATTTCAACCATAGGACTGAGA
 ACAAGTTTCTAGATCCACACGTAAGATAAGCCAGTAGTGATAACTGGTTCTGGGCTGGAGAAGATTC
 TGGTATTAATTCCTGGTTCTGGAAGGGAGAAGAGCTTAGTAATAATTCTGTTGCTAAGTGTGAAAAATAA
 CCTAGTACTAGTATCCAGGCTCGTGTGAGGAGCCCGCACCTAGGACCAGCCACAAGTCTAGGTCAGGTG
 CTGAGGAGGAGGAGAAGAGAACGTTATTGGGAAGTGGTTTGGGAAGGCGATGACTGTTTGTGATAC
 TGATCCTAAACCTGTGTTCAAAAATAGTTAAACCTCAGCCAGTGGATGAAATTAATGAAAAAGATAGGCCA
 AAGGACTGGTCCGAGGTAACATATAGGCCAAAGCTCCTGCTGTAACCTCAGCAGTGTAGGTTATAGAT
 CCCAGGATTCATCTGAGGCAAGGTCCTTCTCATACATTGTTCTGGCCTCAATGAAGAGGAACTTCAAC
 AGCCTGTACTAAGAATACTCGTTCAAGCCTACAGTCTATACCTGAGTATCCATTTGGTTCTGATCCTTGC
 ATCCAGACCTTAGATGAAATTAGACAGCAAATCAAGATCAGAGAAGAGAATGGCATCAAGCCCTTCGCTT
 GCCCTTGCAAAGTGGAGTGCTATTTGGATTCTCCAGAATTTGAAAAGCTTGTTAACATACTTAAGTCAAC
 TACTGATCCTCTATTCCATAAAATAGCACAGATTGCAATGGGTATACATAAGGTTCCATTTGCCAG
 GAATTCATTAATGAAGTGGGCGTGGTGACACTTATTGAAAGCTTGCTCAGTTTTTCTCCCTGAGGTTA
 GTATTAAGGCTGTGATTACTCTGAAGTCTTCCGGGATGACAGATACAACAAGGTAGAGTTTCATGT
 TAAGCATATGTGTAAGAAACTGTGCCTTCCCTTGAAGTCACTGGCCAGCAATCTGGATTAAGATA
 ATAGGGCAGCTGACTACCGAGTCTGTCCATCACTACATTGTAGTCAGCTACTTTTCAGAGCTTTTCCATT
 TGCTGTCTCAGGGAAATCGTAAGACTAGGAATCTTGTTTTGAAAGTATTTTGAATATGTCTGAAAAATCC
 CAAGGCAGCCAGAGATATGATAAATAGAAAGGCTTAGCAGCATTAAACTCATCTTTAACCAAAAAAGAG
 GCAAAAGCCAATCTTGTAGTGTGGCCATCTTTAATTAACATAAAGGAGCATATTAGAAAGGTTCAA
 TTGTAGTAGTCGATCACTTGAGTTACAATACTCTACAGCCATATCCGTGAAGTAAAGGGGATTATCGA
 AAGAATG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_198161
- 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_198161.2](#), [NP_937804.1](#)

RefSeq Size: 2843 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 (1) represents the longer transcript. Both variants 1 and 2 encode the same protein.