

Product datasheet for **MR208622**

Bhlhb9 (NM_001098222) Mouse Tagged ORF Clone

Product data:

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



[View online »](#)

ORF Nucleotide Sequence:

>MR208622 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGACTGGTTCAAAGAATAAGGCTAGGGCACAGGCTAACTAGAAAAAGGGCAAGTGCACAAGCCAGAG
 CTGTGGCAGAGAGGGAGGCTGCTAATGCCAACCGAGGTGCAGGCAAAAGCCGGGACAAAGGGAAAGGTAA
 GGCAGGCTCTAAATCAGATGCAGTGGCAGAGGTGAAGGCAGGGTCTAAGGAAAGGTAGTTGCTGAGACA
 AAAGAAGGAGCGAGACCAGAATCTAAGGCTCTAGTAAAAGGCACCTCAGATTTCAACCATAGGACTGAGA
 ACAAGTTTGTAGATCCACACGTAAGATAAGCCAGTAGTGATAACTGGTTCTGGGCTGGAGAAGATTC
 TGGTATTAATTCCTGGTTCTGGAAGGGAGAAGAGCTTAGTAATAATTCTGTTGCTAAGTGTGAAAAATAA
 CCTAGTACTAGTATCCAGGCTCGTGTGAGGAGCCGCACCTAGGACCAGCCACAAGTCTAGGTCAGGTG
 CTGAGGAGGAGGAGAAGAGACGTTATTGGGAAGTGGTTTGGGAAGGCGATGACTGTTTGTGATAC
 TGATCCTAAACCTGTGTTCAAAAAGTTAAACCTCAGCCAGTGGATGAAATTAATGAAAAAGATAGGCCA
 AAGGACTGGTCCGAGTAACATATAGGCCAAAGCTCCTGCTGTAACCTCCAGCAGTGTAGGTTATAGAT
 CCCAGGATTCATCTGAGGCAAGGTCCTTCTCATACATTGTTCTGGCCTCAAATGAAGAGGAACTTCAAC
 AGCCTGTACTAAGAATACTCGTTCAAGCCTACAGTCTATACCTGAGTATCCATTTGGTTCTGATCCTTGC
 ATCCAGACCTTAGATGAAATTAGACAGCAAATCAAGATCAGAGAAGAGAATGGCATCAAGCCCTTCGCTT
 GCCCTTGCAAACCTGGAGTGCTATTTGGATTCTCCAGAATTTGAAAAGCTTGTTAACAATACTTAAGTCAAC
 TACTGATCCTCTTATTCATAAAATAGCACAGATTGCAATGGGTATACATAAGGTTTCCATTTGCCAG
 GAATTCATTAATGAAGTGGGCGTGGTGACACTTATTGAAAGCTTGCTCAGTTTTTCTCCCTGAGGTTA
 GTATTAAGGCTGTGATTACTCTGAACCTTCCGGGATGACAGATACAACAAGGTAGAGTTTCATGT
 TAAGCATATGTGTAAGAAACTGTGTCCTTCCCTTGAACCTCACCTGGCCAGCAATCTGGATTAAGATA
 ATAGGGCAGCTGACTACCGAGTCTGTCCATCACTACATTGTAGTCACTACTTTTTCAGAGCTTTTCCATT
 TGCTGTCTCAGGGAAATCGTAAGACTAGGAATCTTGTTTTGAAAGTATTTTTGAATATGTCTGAAAAATCC
 CAAGGCAGCCAGAGATATGATAAATATGAAGGCGTTAGCAGCATTAAACTCATCTTTAACCAAAAAAGAG
 GCAAAAGCCAATCTTGTAGTGTGTGGCCATCTTTAATAACATAAAGGAGCATATTAGAAAGGTTCAA
 TTGTAGTAGTCGATCACTTGAGTTACAATACTCTACAGCCATATCCGTGAAGTTAAGGGGATTATCGA
 AAGAATG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208622 protein sequence
 Red=Cloning site Green=Tags(s)

MTGSKNKARAQAKLEKRASAQARAVAEREANANRAGKSRDKGKAGSKSDAVAEVKAGSKGKVAET
 KEGARPESKALVKGTSDFNHRTENKFASTRKDKPSSDNWFWAGEDSGINSWFWKGEELSNNSVAKCENK
 PSTSIQARAEPAAPRTSHKSRSGAEENVEENVIGNWFWEGDDTGFDTDPKPVFKIVKQPVPDEINEKDRP
 KDWSEVTIWPKPAVTPAVLGYRSQDSSEARSSSYIVLASNEEETSTACTKNTRSSLQSIPEYFPFGSDPC
 IQTLDEIRQQIKIREENGIKPFACPKLECYLDSPEFEKLVNILKSTTDPLIHKIAQIAMGIHKVHPFAQ
 EFINEVGVVTLIESLLSFSSPEVSIKKAIVITLNSGDDRYNKVEFHVKHMCKETVSFPLNSPGQQSGLKI
 IGQLTTESVHHYIVVSYFSELFHLLSQGNRKRNLVVKVFLNMSENPKAARDMINMKALALKLIFNQKE
 AKANLVSVAVAIFINIKHIRKGSIVVVDHLSYNTLTAIFREVKGIIERM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001098222

ORF Size: 1620 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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

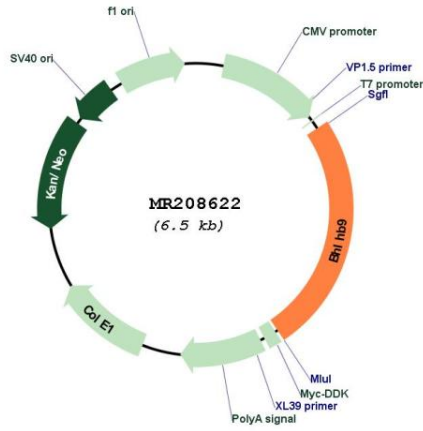
RefSeq ORF: 1620 bp

Locus ID: 70237

UniProt ID: [Q6PB60](#)

Cytogenetics: X F1
MW: 59.8 kDa
Gene Summary: May play a role in the control of cellular aging and survival.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR208622