

## Product datasheet for **RN205115**

### **Bhlhb9 (NM\_207611) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Bhlhb9 (NM_207611) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Bhlhb9
Synonyms:	p60TRP
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN205115 representing NM\_207611  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGACTGGCTCAAAGAATAAGGCTCGGGCTCAGGCTAACTGAAAAGAGGGCAAGTGCACAAGCCAAAG  
 CTGCAGCAGAGAGAGAGGCTGCTAATGCAGGCAGAGGTGCAGGCAAAAACCGGGACAAAGGGAAGGGTAA  
 GGCAGGCTCTAAAACAGATGCAGTGGCAGAGGCGAAGGCGGGCTCTAAGAGCAAGGTAGTTGCTGAGACA  
 AAAGAAGGAGCAAGACCAGAATCTAAGGCTGTAGCAAAAGGCACATCAGATTTCAACCATAAGGCTGAGA  
 ACAAGTACGCTAGATCCGCACGTAAGATAAGCCAGTAGTGATAGCTGGTTTTGGGCTGGAGAAGATTC  
 TGGTATCAATTCCTGGTTCTGGAAGGGAGAAGAGGTTAGTAACAATTCGTTGCCAAGTGTGAAAATAAA  
 CCTAGTACTAGTATCCAGGCCGTGGAGGAGCACACGCCTAGAACCAGCCACAAGTCTAGGTCAGGAG  
 CTGAGGAAGAGGAGAAGAGAATGTTATAGGGAAGTGGTTTTGGGAAGGAGATGACTGGTTTTGATTC  
 TGATCCTAAACCTGTGTTCAAAAATAGTAAACCTCAGCCAGTAGTGAATAAATGAAAAGGATAGGCCA  
 AAGGACTGGTCCGAGGTAACATCTGGCCCAAAGCTCCTGCTGTAACCCAGCAGTGTAGGTTATAGAT  
 CTCAGGACTCATCTGAGGGAAGGCCCTTTCATATATTGTTCTGGCCTCAATGAAGAGGAACTTCAAC  
 AACCTGTACTAAGAATACTCGTTCAAGCCTCCAGCCTATACCTGAGTATCCATTTGGATCTGATCCTTGC  
 ATACAGACCTTAGATGAAATTAGACAGCAAATCAAGATCAGAGAAGAGAATGGCATCAAGCCCTTTGCTT  
 GCCCTTGCAAAATGGAGTGCTATTTGGATTCTCCGGAATTTGAAAAGCTTGTTAACATACTTAAGTCAAC  
 TACTGATCCCCTTATTCATAAAATAGCACAGATTGCAATGGGTATCCATAAAGTTCATCCGTTTGCCAG  
 GAATTCATTAATGAAGTGGGTGGTGACGCTTATTGAAAGCTTGCTCAGTTTTTCTCCCTGAAGTTA  
 GTATAAAAAGGCTGTTATTACTCTGAAGCTTCCGGGATGACAGACAACAATGGTTGAATTTGATGT  
 TAAGCATATGTGTAAGAAACGGTATCTTTCCCTTGAAGTACCTGGCCAGCAATCTGGATTAAGATA  
 ATAGGGCAGCTGACGACTGAGTCTGTCCATCACTACATTGTAGTTAGCTACTTTTCAGAGCTTTTCCATT  
 TGCTGTCCAGGAAATCGTAAGACTAGGAATCTGTTTTGAAAGTATTTTGAATATGTCTGAAAATCC  
 CAAGGCAGCCAGAGATATGATAAATAGAAAGCATTAGCAGCATTAAACTCATCTTTAACCAAAAAGAG  
 GCAAAAGCCAATCTGTGAGTGTGGCCATCTTTAATACATAAAGGAGCATATTAGAAAGGGCTCAA  
 TTGTAGTAGTTGATCACTTGAGTTACAATACTCTACTGCCATATCCGTGAAGTAAAGGGATTATTGA  
 AAGAAT**GTA**A

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_207611

**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\\_207611.1](#), [NP\\_997494.1](#)

**RefSeq Size:** 2701 bp

**RefSeq ORF:** 1620 bp

**Locus ID:** 317407

**UniProt ID:** [Q71HP2](#)

**Cytogenetics:** Xq32

**Gene Summary:** May play a role in the control of cellular aging and survival.[UniProtKB/Swiss-Prot Function]