

Product datasheet for **MC212308**

Bhlhe23 (NM_080641) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Bhlhe23 (NM_080641) Mouse Untagged Clone
Tag: Tag Free
Symbol: Bhlhe23
Synonyms: A930001L02Rik; Beta3b; BETA4; Bhlhb4
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC212308 representing NM_080641
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCGAGCTCAAGTCGCTGTCGGGGACTCGTACCTGGCGCTGAGCCACAGCTACACGGCGACCGGCC
ACGCCTACGCTGCAGCGCGCGGACCGGAGACCACACGCGGCTTCGGTGATCGGGTCCGGGTGGCGACCT
CCCGCGGCTCCCGCTTCTCGTGTCCCCGCCGACGGTGGAGAGCAGCGCGAGCAGAGCGCGGACGAG
GACGAAGCCTTCGAGAGCGCGCGCGGCGGAGGGTCCGGGTTGCGGTTGACGCACGGCGCGGCCCC
GGGAGCAGCGCTCGCTGAGGCTCAGCATCAACGCGCGCAACGGCGACGCATGCATGACCTGAACGACGC
GCTGGACGGACTGCGCGCAGTCATCCCCTACGCGCACAGCCCGTCCGGTGCGAAGCTCTCCAAGATAGCC
ACACTTCTGCTGGCCAAAACTACATCCTCATGACGGCGCAGGCCCTGGAGGAGATGCGCGCCTTGGTAG
CATACTCAACCAAGGCCAGGGCCTCGCGGCGCCGGTGGCCGCGCGCCTCTAACGCCCTTTGGCCAGGC
AGCGATTTACCGTTTCTCGGCGGGCACC GCGCTCGGGCCCTGCCAGACAAGTGTGCCACCTTCTCAGGA
TCGCCCTCGGCGCTTTGCAAACACTGCGGCGAGAAGCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_080641
Insert Size: 672 bp



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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:	<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:	<u>NM_080641.5</u> , <u>NP_542372.2</u>
RefSeq Size:	2520 bp
RefSeq ORF:	672 bp
Locus ID:	140489
UniProt ID:	<u>Q8BGW3</u>
Cytogenetics:	2 103.34 cM
Gene Summary:	May function as transcriptional repressor. May modulate the expression of genes required for the differentiation and/or maintenance of pancreatic and neuronal cell types. May be important for rod bipolar cell maturation.[UniProtKB/Swiss-Prot Function]