

Product datasheet for **MC206097**

Phb (BC083354) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Phb (BC083354) Mouse Untagged Clone
Tag: Tag Free
Symbol: Phb
Synonyms: BAP32
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC083354
 GAAAGCAGGTGTGAGTGGAAGCAACAGAAGGAGTCATGGCTGCCAAAGTGTTGAGTCCATTGGAAAGTT
 CGGCCTGGCGTTGGCAGTTGCAGGAGGCGTGGTGAACCTGCTTTGTATAATGTGGATGCTGGACACAGA
 GCTGTCATCTTTGACCGATTCCGTGGCGTACAGGACATTGTGGTCGGGGAAGGGACTCATTTCCTCATCC
 CTTGGGTACAGAAACCAATTATCTTTGACTGCCGCTCTCGACCACGGAACGTACCAAGTCACTGGTAG
 CAAAGACTTGAGAACGTCAATATCACACTGCGAATCCTCTCCGGCCGGTGGCCAGCCAGCTTCCTCGT
 ATCTACACCAGCATTGGCGAGGACTATGATGAGCGGGTCTGCCTTCTATCACCACAGAGATCCTCAAGT
 CGGTGGTGGCTCGATTGATGCTGGAGAATTGATTACCCAGCGAGAGCTGGTCTCCAGGCAGGTGAGCGA
 TGACCTCACAGAGCGAGCGGCAACATTTGGGCTTATCCTGGATGACGTGTCCCTGACACATCTGACCTTC
 GGAAGGAGTTACAGAGGCAGTAGAAGCAAACAGGTGGCTCAGCAGGAAGCGGAGAGAGCCAGATTTG
 TGGTGGAAAAGGCTGAGCAGCAGAAGAAGGCAGCCATCATCTCTGCTGAGGGTGACTCCAAGGCCGCTGA
 GCTGATCGCCAACTCGCTGGCCACGGCAGGCGACGGCCTGATCGAGCTGCGGAAGCTGGAGCCCGCCGAG
 GACATTGGCTACCAAGCTCTCCCGCTCTCGGAACATCACCTACCTGCCAGCGGGCCAGTCCGTGCTTCTCC
 AGCTTCCCAAGTGAAGCCAGCCGGGCCACGGCCTCCATCATGCTGAATGACGCCTTCTTCTGCCACC
 CCAGAAAATCACTGTGAAATTTGATGTTGGCTTAAAGTGAAGGAAATAAAGGTAATAATCACTTCAGATC
 TCTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: AscI-NotI
ACCN: BC083354
Insert Size: 819 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).



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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>BC083354</u> , <u>AAH83354</u>
RefSeq Size:	1015 bp
RefSeq ORF:	819 bp
Locus ID:	18673
Cytogenetics:	11 D
Gene Summary:	Prohibitin inhibits DNA synthesis. It has a role in regulating proliferation. As yet it is unclear if the protein or the mRNA exhibits this effect. May play a role in regulating mitochondrial respiration activity and in aging (By similarity).[UniProtKB/Swiss-Prot Function]