

## Product datasheet for **MC206315**

### Hp1bp3 (BC020024) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Hp1bp3 (BC020024) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Hp1bp3
Synonyms:	Hp1bp74, MGC28927
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC020024  
 GCGGTGTCGCGAGTCGGCGATCGGTGGTCCGCGCAACGCCGAGAGGCCGTACGGGAACGCGGGCGCCGG  
 AGCTCAGAGGTTGACTCTTACCACACTGAAGCCGTTAGGAAAACAAACCTTGTGGTTATCAGCAGAGCC  
 TTCAGAGTTTACCATAACTCAGGCCTAGACATTATTCTAAATGGCAACTGACATGTCTCAAGGTGAACT  
 CATCCATCCTAAGGCACTCCCCTTATAGTAGGAGCGCAGCTGATCCACGCGACAAGTTAGGTGAGAAA  
 GCAGAAGATACCACCATGCCTATACGTCGAGCCGTGAATTCTACCCGGGAAACTCCACCCAAAAGCAAAC  
 TTGCTGAAGGGGAGGAAGAAAAACAGAACAGATGGAAGTTTCAAGGAATCTATCTCTACTGTAGAGGA  
 GCAGGAGAATGAGACTCCACCTGCTACATCCAGTGAGGCAGAGCAGCCCAAGGGGAGCCTGAGAGTGGA  
 GAGAAGGAAGAGAACAACAGCAAGTCTGCTGAGGAACCCAAAAAGGATGAGAAGGATCAGTCTAAAGAAA  
 AGGAGAAGAAAGTAAAAAGACGATTCTGCTGGGCGACTCTCTGCCAGCCAGCTAGCCAGGGCCCA  
 GAGACAAACCCCATGGCTTCTCCACGCGCCCAAGTGGACGCAATCTTAACTGAGGCCATTAAGGCA  
 TGCTTCCAGAAGACTGGCGCTCGGTGGTTGCGATTGAAAGTACATCATTATAAGTACCCTTCTCTGG  
 ATCTGGAGAGAAGGGCTATCTCCTTAAGCAAGCACTGAAGAGAGAGTTAAACAGAGGAGTCATCAAACA  
 GGTAAAAGGAAAAGGTGCATCTGGCAGTTTTGTTGTGGTCCAGAAATCAAAACCACCTCAGAAATCCAAA  
 AACAGAAAAGAGGGCTCGCTCTGGATCCAGAACCACAAGTAAACTGGAAGATGTTCTCCCGTTGGCTT  
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 TAAGCTCAGAGTGGACATCAGGCCCCAGTTGTTGAAGAATGCTCTGCAGCGAGCAGTAGAGAGAGCCAG  
 CTCGAGCAGATAACTGGCAAGGGTGCTTCGGGGACATTTAGCTGAAGAAATCAGGGGAGAAGCCCTGC  
 TGGGTGGAAGCCTGATGGAATATGCAATCTTGTCTGCCATTGCTGCCATGAACGAGCCTAAGACCTGCTC  
 CACCACTGCTCTGAAGAAGTATGCTCTGGAGAACCACCCAGGGGCCAACTCTAACTATCAGATGCATTTG  
 CTGAAAAAACCTGCAGAAATGTGAGAAGAACGGGTGGCTGGAGCAGATCTCTGGGAAGGGGTTCACTG  
 GCACCTCCAGCTGTCTTCCCCTACTACCCTAGCCAGGAGTTCTATTTCCGAAGAAAGAAATCCGGTGG  
 CTCTGATGATGAAGATGACGATGACGATGACGATGAATCATCAGAAGACTCTGAGGATGAGAACCA  
 CCCAAGAGGAGCTTACAGAAGAAAAACACCAAGTCCCAAGGGAAGACAGCCTCCATGAAGCAGAGAG  
 GGTGCAAGCCTGCGCGAAAGTCCCGGCTGCCAGAGAGGAAAGTGAAGCCGCTGCCTAAGAAAGCTCC  
 GCCAAGGCCAAGACCCCTGCCAGGAAAGCCAGACCCTCTCCCTCAGTCAAGAAAGCCTAGTGGGAGC  
 TCCTCCAGAAAGCCCATAGCCAGTGCACGAAAGGAAGCGAAACTGCCCGGAAGGGCAAATCTGCCATGA  
 AGAAGTCTTCAAGACAAAAAAGTAAATTTTATAGGAAAAGGGTATCATGATTGAATTCAGAATCTTAT  
 TTTATAAGGTCAGTGTGCAATTTGTTCTAGTTATAATGCTTTTAAATTTGACTTTTTCTTCCCATGTGAGC  
 ATTTGTTGGAAAGGAATGGACACAGAGCAGCGTAGACATTTGTGAGCTTCGGTGCTGTTCTCAGTGCCTGCT  
 TCTTCATCACCTAATTTCTGCCATAACCTGGACTTCGCTGACTGTGTGACTGCCCTGCTCCCTCTGTTT  
 ATCTTAGCCCCAGCCCTCGTCTCTTTCTGTGATCCGATTGAGGGTTTTTCTCCTCTCAAGTAAATTTA  
 AACAAATTCAGAGATGTGTTTGTAGAGCACTTAGAGGTCTGGGGCTGGAAGTCCAGACGGCGCAGGAGCA  
 GTGTTGGGAAGGCTTTGCGTCTGCCTGCAGACTTGTAGAGCTGTGGTGATTAACCCTGGCTGTTGAAT  
 CACTCCACTGACCAGTCTCCAGCTTGTAGTGGGGACATGTTAACTTCGGAAGAAGCCCCGCTCCCTGCC  
 ATCCCATAGATTTGAAGGGCTCCTCCTCCGGTCACGCTGACCAACTGCCAAGCTCGCTTTGTGCCC  
 AGAGCACTGTCCCTCACAGCAAGCACAAGTTGTCTGCACCACTTGGTTTCTGACTGAAGGGGAAGTACA  
 GGACTACATGGAATCTGATTTCTGGTGTGCTTATTACCAAAAATGACAGAATATTCTTGATCAAATGTC  
 TAGATATATTTTAAATTTTGGGCATGAGTTGTCCCTGTTTGAAGTTCCCATTAATAATGTAGAAATG  
 GTAATGGTAAAACATAATTTGCTAAAATGACCAGTTTTTCAGATTACCTGTGCGTGTGCCCCACTCCC  
 ATCCCACCTGTTCTTTCCATAGAACTTTTATATCAGGCAAACGGTTTTCTTTTTGAGATATTTTAAACA  
 GAGAAGGGGTGGGGGAGAAGCAGATGAAGCTGTACTACCCAGCCCTCTTCTGTTTGTATTTGTTTAGGG  
 TTGTGAGGTTGTGAAAAAGTACTAGCTTCTTACTTGAGAACTACAGTTTCTGCTTATCATTTATTCTT  
 CCTGTGGCACTAATATTTTAAATTTGCTTAAAGCTTTTTGATGTATATATCCTCTGGCCCTTACATGCT  
 GCCAGAGGAGAAGGTGTTTGTGAGATTCATTCCACTGAAAGTGTCTCCTGGGATCCCCACAGCTCGGT  
 ATGGCTGGGAAATGGACTTAAGGCTTGGCTTGAATTGGTGGCTCTACCTGTGAGGTCCCATCGTGTGAGT  
 CACTGGGATTTGTGTTGCATGGAAGGCAGTCTTCTGTTGTAATCTTCTTTTTTATGTACAAATATT  
 TTGAAAAATATGAATAAACATGAACTTTTAAAAGCTGCTGAACTACAAAAAATAAAAAA

**Restriction Sites:** RsrII-NotI  
**ACCN:** BC020024

<b>Insert Size:</b>	1665 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">BC020024</a> , <a href="#">AAH20024</a>
<b>RefSeq Size:</b>	3281 bp
<b>RefSeq ORF:</b>	1665 bp
<b>Locus ID:</b>	15441
<b>Cytogenetics:</b>	4 D3
<b>Gene Summary:</b>	Component of heterochromatin that maintains heterochromatin integrity during G1/S progression and regulates the duration of G1 phase to critically influence cell proliferative capacity. May play a role in hypoxia-induced oncogenesis.[UniProtKB/Swiss-Prot Function]