

Product datasheet for **MC202243**

Bphl (NM_026512) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Bphl (NM_026512) Mouse Untagged Clone
Tag: Tag Free
Symbol: Bphl
Synonyms: 2010012D11Rik; 5730533B08Rik; A1115341
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC025162 sequence for NM_026512
GGAGCTTGTGCGACCTGGAGCTATGGCGACCGCAACAGTTCGCCCGGCGGCCAGCGGTTGCGGCTGCTC
CTCTCGCCCTGAAATCCCGGATCTGCGTACCCAGGCCGAACCGTAGCCACCTTCGGCACTGCAGTAA
CTTCTGCCAAGGTGGCTGTGAATGGCGTTCACCTGCATTACCAGCGCGTGGGAGAAGGGGAACATGCGAT
CCTCCTGCTTCTGGGATGTTGGGTAGCGGAAAGACCGATTTTGCACCTCAGCTTCAGAGCCTAAATAAG
AAGCGCTTACATTGGTGGCCTGGGACCCTCGAGGATATGGATATTCCAGACCCCGAGTCGAGATTTTC
CACGGGATTTTTTGAAGGGATGCAAAGGATGCTGTTGACTTGATGAAGGCTCTACAGTTCAAGCAGGT
CTCCCTCTGGGCTGGAGTGATGGCGGCATAACTGCGCTCATCGCTGCTGCAAAGTACCCATCTTATATC
CGCAAGATGGTGATCTGGGGAGCAAATGCCTATGTCACCGAGGAAGACAGCAGGATTTACCAGGGTATCC
GAGATGTTTCTAAATGGAGTGAGAAGGCAAGGAAACCCCTGGAAGCCCTGTATGGATATGACTACCTTGC
CAAAACCTGTGAGGACTGGGTGGATGGCATAAGCCAGTTTAAACAACCTGCCAGAGGGTAACATCTGCCGG
CACTTGCTGCCCTGGTCCAGTGCCTACCCTCATTGTGCATGGGGAGAAGGACCCATTGGTCCCCCGCT
TTCATGCTGACTTCCTTCTCCAGCATGTGAAAGGGTCACGGTTGCATCTGATGCCAGAAGGCAAGCACAA
CTTACACTTACGCTTTGCAGACGAATCAACAGGTTGGTAGAAGACTTTCTACAGTGAAAGTCCAGGAGA
CAGACCGCTGGTGTCCAGCAGATTCTGTGTTAAAAGATCATGTCATTGCCTGTTACCTGGATGCTCCAAA
ATGCCTTCCCTTGTCTTTGGCCTCGGCTCACAGACAGGCTGCCAGGCTTTCTATCTTCCCTGCAATGTG
ACTCTATGCAAACAGGAAAAATAGCATACCGAAATCAGGTTATAGCTTCAATAGCTGAAGAAACATGAAC
ATTTCCATTTTTAACATTAACCTCTATCATCGTCTATGAGTAAGTTCCTACCATGATTTGTTTTCAAA
AAAATTTATGGGAAACATTAATAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_026512
Insert Size: 876 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:	BC025162 , AAH25162
RefSeq Size:	1224 bp
RefSeq ORF:	876 bp
Locus ID:	68021
UniProt ID:	Q8R164
Cytogenetics:	13 A3.3
Gene Summary:	Serine hydrolase that catalyzes the hydrolytic activation of amino acid ester prodrugs of nucleoside analogs such as valacyclovir and valganciclovir. Activates valacyclovir to acyclovir. May play a role in detoxification processes. It is a specific alpha-amino acid ester hydrolase that prefers small, hydrophobic, and aromatic side chains and does not have a stringent requirement for the leaving group other than preferring a primary alcohol (By similarity). [UniProtKB/Swiss-Prot Function]