

Product datasheet for **SC312761**

BPHL (NM_004332) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	BPHL
Synonyms:	BPH-RP; MCNAA; VACVASE
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC312761 representing NM_004332. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGTGGCTGTGCTGGGCGCCGGGGCGTGTTCGCGCTGCGGCTGCTTCTCTCAGCGCTGAAGCCCGGG
ATCCACGTCCACGGGCGGACCCGCGGCCGCTTCGGCACCTCGGTAACCTCTGCCAAAGTGGCTGTG
AATGGCGTTTCAGCTGCATTACAGCAGACTGGAGAGGAGATCACGCAGTCCTGCTACTTCTGGGATG
TTAGGAAGTGGAGAGACTGATTTTGACCTCAGCTCAAGAACCTCAATAAGAAGCTCTTCACGGTGGTC
GCCTGGGATCCTCGAGGCTATGGACATTCAGGCCCCAGATCGCGATTTCCAGCAGACTTTTTTGAA
AGGGATGCAAAAGATGCTGTTGATTTGATGAAGGCGCTGAAGTTTAAGAAGTTTCTCTGCTGGGGTGG
AGTGATGGGGCATAACCGCACTATTGCTGCTGCAAAATATCCATCTTACATCCACAAGATGGTGATC
TGGGGCGCCAACGCCTACGTCACTGACGAAGACAGCATGATATATGAGGGCATCCGAGATGTTTCCAAA
TGGAGTGAGAGAACAAGAAAGCCTCTAGAAGCCCTCTATGGGTATGACTACTTTGCCAGAACCTGTGAA
AAGTGGGTGGATGGCATAAGACAGTTTAAACATCTCCAGATGGTAACATCTGCCGGCACCTGCTGCCC
CGGGTCCAGTGCCCGCCTTGATTGTGCACGGTGAGAAGGATCCTCTGGTCCCACGGTTTCATGCCGAC
TTATTTCATAAGCACGTGAAAGGCTCACGGCTGCATTTGATGCCAGAAGGCAACACAACTGCATTTG
CGTTTTGCAGATGAATTAACAAGTTAGCAGAAGACTTCTTACAATGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites:	SgfI-MluI
ACCN:	NM_004332
Insert Size:	876 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_004332.3
RefSeq Size:	1874 bp
RefSeq ORF:	876 bp
Locus ID:	670
UniProt ID:	Q86WA6
Cytogenetics:	6p25.2
Domains:	abhydrolase
Protein Families:	Druggable Genome
MW:	32.5 kDa
Gene Summary:	This gene encodes a member of the serine protease family of hydrolytic enzymes which contain a serine in their active site. The encoded protein may play a role in activation of the antiviral prodrug valacyclovir. Alternatively spliced transcript variants have been described. [provided by RefSeq, Jan 2009] Transcript Variant: This variant (1) represents the shortest transcript and encodes the longer isoform (1).