

## Product datasheet for **RC217390L4V**

### HP1BP3 (NM\_016287) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	HP1BP3 (NM_016287) Human Tagged ORF Clone Lentiviral Particle
Symbol:	HP1BP3
Synonyms:	HP1-BP74; HP1BP74
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_016287
ORF Size:	1659 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC217390).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	<a href="#">NM_016287.2</a>
RefSeq Size:	1855 bp
RefSeq ORF:	1662 bp
Locus ID:	50809
UniProt ID:	<a href="#">Q5SSJ5</a>
Cytogenetics:	1p36.12
Domains:	linker_histone
MW:	61 kDa



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**Gene Summary:**

Component of heterochromatin that maintains heterochromatin integrity during G1/S progression and regulates the duration of G1 phase to critically influence cell proliferative capacity (PubMed:24830416). Mediates chromatin condensation during hypoxia, leading to increased tumor cell viability, radio-resistance, chemo-resistance and self-renewal(PubMed:25100860).[UniProtKB/Swiss-Prot Function]