

Product datasheet for **RC205192L2V**

PHF7 (NM_016483) Human Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type: | Lentiviral Particles |
| Product Name: | PHF7 (NM_016483) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | PHF7 |
| Synonyms: | HSPC045; HSPC226; NYD-SP6 |
| Mammalian Cell Selection: | None |
| Vector: | pLenti-C-mGFP (PS100071) |
| Tag: | mGFP |
| ACCN: | NM_016483 |
| ORF Size: | 1143 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC205192). |
| 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. More info |
| 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: | NM_016483.4 |
| RefSeq Size: | 2240 bp |
| RefSeq ORF: | 1146 bp |
| Locus ID: | 51533 |
| UniProt ID: | Q9BWX1 |
| Cytogenetics: | 3p21.1 |
| Protein Families: | Druggable Genome, Transcription Factors |
| MW: | 43.8 kDa |



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Gene Summary:

Spermatogenesis is a complex process regulated by extracellular and intracellular factors as well as cellular interactions among interstitial cells of the testis, Sertoli cells, and germ cells. This gene is expressed in the testis in Sertoli cells but not germ cells. The protein encoded by this gene contains plant homeodomain (PHD) finger domains, also known as leukemia associated protein (LAP) domains, believed to be involved in transcriptional regulation. The protein, which localizes to the nucleus of transfected cells, has been implicated in the transcriptional regulation of spermatogenesis. Alternate splicing results in multiple transcript variants of this gene. [provided by RefSeq, May 2013]