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Product datasheet for RC221971L3V

PHF1 (NM_002636) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PHF1 (NM_002636) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PHF1
Synonyms:	hPHF1; MTF2L2; PCL1; PHF2; TDRD19C
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_002636
ORF Size:	1371 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221971).
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_002636.3
RefSeq Size:	2008 bp
RefSeq ORF:	1374 bp
Locus ID:	5252
UniProt ID:	O43189
Cytogenetics:	6p21.32
Domains:	PHD, TUDOR
Protein Families:	Druggable Genome, Transcription Factors

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MW: 49.4 kDa

Gene Summary: This gene encodes a Polycomb group protein. The protein is a component of a histone H3 lysine-27 (H3K27)-specific methyltransferase complex, and functions in transcriptional repression of homeotic genes. The protein is also recruited to double-strand breaks, and reduced protein levels results in X-ray sensitivity and increased homologous recombination. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2009]