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Product datasheet for RC223059L3V

PHF20 (NM_016436) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PHF20 (NM_016436) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PHF20
Synonyms:	C20orf104; GLEA2; HCA58; NZF; TDRD20A; TZP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_016436
ORF Size:	3036 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC223059).`
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_016436.3
RefSeq Size:	5583 bp
RefSeq ORF:	3039 bp
Locus ID:	51230
UniProt ID:	Q9BVI0
Cytogenetics:	20q11.22-q11.23
Domains:	PHD, TUDOR, zf-C2H2
Protein Families:	Druggable Genome, Transcription Factors

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MW: 115.2 kDa

Gene Summary: Methyllysine-binding protein, component of the MOF histone acetyltransferase protein complex. Not required for maintaining the global histone H4 'Lys-16' acetylation (H4K16ac) levels or locus specific histone acetylation, but instead works downstream in transcriptional regulation of MOF target genes (By similarity). As part of the NSL complex it may be involved in acetylation of nucleosomal histone H4 on several lysine residues. Contributes to methyllysine-dependent p53/TP53 stabilization and up-regulation after DNA damage. [UniProtKB/Swiss-Prot Function]