Product datasheet for MR208813L4V

Phf21a (NM_138755) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Phf21a (NM_138755) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Phf21a
Synonyms:	80kDa; Bhc; Bhc80; D030065N23Rik; PFTF1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_138755
ORF Size:	1671 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR208813).
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_138755.1, NP_620094.1
RefSeq Size:	6346 bp
RefSeq ORF:	1671 bp
Locus ID:	192285
UniProt ID:	Q6ZPK0
Cytogenetics:	2 E1

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Gene Summary: Component of the BHC complex, a corepressor complex that represses transcription of neuron-specific genes in non-neuronal cells. The BHC complex is recruited at RE1/NRSE sites by REST and acts by deacetylating and demethylating specific sites on histones, thereby acting as a chromatin modifier. In the BHC complex, it may act as a scaffold. Inhibits KDM1A-mediated demethylation of 'Lys-4' of histone H3 in vitro, suggesting a role in demethylation regulation (By similarity).[UniProtKB/Swiss-Prot Function]