

Product datasheet for **RC222530L4V**

PHC1 (NM_004426) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PHC1 (NM_004426) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PHC1
Synonyms:	EDR1; HPH1; MCPH11; RAE28
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004426
ORF Size:	3012 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC222530).
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_004426.2 , NP_004417.2
RefSeq Size:	5206 bp
RefSeq ORF:	3015 bp
Locus ID:	1911
UniProt ID:	P78364
Cytogenetics:	12p13.31
Domains:	SAM
Protein Families:	ES Cell Differentiation/IPS, Stem cell - Pluripotency



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MW: 105.4 kDa

Gene Summary: This gene is a homolog of the Drosophila polyhomeotic gene, which is a member of the Polycomb group of genes. The gene product is a component of a multimeric protein complex that contains EDR2 and the vertebrate Polycomb protein BMH1. The gene product, the EDR2 protein, and the Drosophila polyhomeotic protein share 2 highly conserved domains, named homology domains I and II. These domains are involved in protein-protein interactions and may mediate heterodimerization of the protein encoded by this gene and the EDR2 protein. [provided by RefSeq, Jul 2008]