

Product datasheet for **RC203984L4V**

PHD4 (P4HTM) (NM_177938) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PHD4 (P4HTM) (NM_177938) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PHD4
Synonyms:	EGLN4; HIDEA; HIFPH4; P4H-TM; PH-4; PH4; PHD4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_177938
ORF Size:	1689 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203984).
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_177938.2 , NP_808807.2
RefSeq Size:	2294 bp
RefSeq ORF:	1692 bp
Locus ID:	54681
UniProt ID:	Q9NXG6
Cytogenetics:	3p21.3
Protein Families:	Druggable Genome, Transmembrane
MW:	63.1 kDa



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Gene Summary:

The product of this gene belongs to the family of prolyl 4-hydroxylases. This protein is a prolyl hydroxylase that may be involved in the degradation of hypoxia-inducible transcription factors under normoxia. It plays a role in adaptation to hypoxia and may be related to cellular oxygen sensing. Alternatively spliced variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]