

## Product datasheet for **RC200355L4V**

### **PAFAH2 (NM\_000437) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	PAFAH2 (NM_000437) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PAFAH2
Synonyms:	HSD-PLA2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_000437
ORF Size:	1176 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200355).
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. <a href="#">More info</a>
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:	<a href="#">NM_000437.2</a>
RefSeq Size:	3581 bp
RefSeq ORF:	1179 bp
Locus ID:	5051
UniProt ID:	<a href="#">Q99487</a>
Cytogenetics:	1p36.11
Domains:	PAF-AH_p_II
Protein Families:	Druggable Genome



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**Protein Pathways:** Ether lipid metabolism, Metabolic pathways

**MW:** 44 kDa

**Gene Summary:** This gene encodes platelet-activating factor acetylhydrolase isoform 2, a single-subunit intracellular enzyme that catalyzes the removal of the acetyl group at the SN-2 position of platelet-activating factor (identified as 1-O-alkyl-2-acetyl-sn-glycerol-3-phosphorylcholine). However, this lipase exhibits a broader substrate specificity than simply platelet activating factor. Two other isoforms of intracellular platelet-activating factor acetylhydrolase exist, and both are multi-subunit enzymes. Additionally, there is a single-subunit serum isoform of this enzyme. [provided by RefSeq, Jul 2008]