

## **Product datasheet for RC227237L2V**

## OriGene Technologies, Inc.

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## PAFAH1B3 (NM\_001145940) Human Tagged ORF Clone Lentiviral Particle

**Product data:** 

Product Type: Lentiviral Particles

**Product Name:** PAFAH1B3 (NM\_001145940) Human Tagged ORF Clone Lentiviral Particle

Symbol: PAFAH1B3
Synonyms: PAFAHG

Mammalian Cell

Selection:

None

**Vector:** pLenti-C-mGFP (PS100071)

Tag: mGFP

**ACCN:** NM\_001145940

ORF Size: 693 bp

**ORF Nucleotide** 

The ORF insert of this clone is exactly the same as(RC227237).

Sequence:

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.

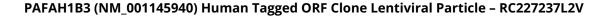
**RefSeq:** NM 001145940.1, NP 001139412.1

RefSeq Size: 869 bp
RefSeq ORF: 696 bp
Locus ID: 5050
UniProt ID: Q15102
Cytogenetics: 19q13.2

**Protein Families:** Druggable Genome

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





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**MW:** 25.7 kDa

**Gene Summary:** 

This gene encodes an acetylhydrolase that catalyzes the removal of an acetyl group from the glycerol backbone of platelet-activating factor. The encoded enzyme is a subunit of the platelet-activating factor acetylhydrolase isoform 1B complex, which consists of the catalytic beta and gamma subunits and the regulatory alpha subunit. This complex functions in brain development. A translocation between this gene on chromosome 19 and the CDC-like kinase 2 gene on chromosome 1 has been observed, and was associated with cognitive disability, ataxia, and atrophy of the brain. Alternatively spliced transcript variants have been described. [provided by RefSeq, Mar 2009]