

# Recombinant Human PAFAH1B3 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** PAFAH1B3-5067H    **Lot. No.** (See product label)

## SPECIFICATION

### Product Overview

PAFAH1B3 MS Standard C13 and N15-labeled recombinant protein (NP\_001139412) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

### Species

Human

### Source

HEK293

### Description

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.

### Molecular Mass

25.7 kDa

### AA Sequence

MSGEENPASKPTPVQDVQGDGRWMSLHHRFVADSKDKEPEVVFIGDSLVLQMLHQ  
CEIWRELFSPHLHALNFGIGGDGTQHVLWRLLENGELEHIRPKIVVVWVGTNNHGHTAE  
QVTGGIKAIVQLVNERQPQARVVVLGLLPRGQHPNPLREKNRQVNELVRAALAGHP  
RAHFLDADPGFVHSDGTISHHDMYDYLHLSRLGYTPVCRALHSLLLRLLAQDQGGQ  
APLLEPAPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.
<b>Storage</b>	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	50 µg/mL as determined by BCA
<b>Storage Buffer</b>	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

<b>Gene Name</b>	PAFAH1B3 platelet activating factor acetylhydrolase 1b catalytic subunit 3 [ Homo sapiens (human) ]
<b>Official Symbol</b>	PAFAH1B3
<b>Synonyms</b>	PAFAH1B3; platelet-activating factor acetylhydrolase 1b, catalytic subunit 3 (29kDa); platelet activating factor acetylhydrolase, isoform Ib, gamma subunit (29kD), platelet activating factor acetylhydrolase, isoform Ib, gamma subunit 29kDa, platelet activating factor acetylhydrolase, isoform Ib, subunit 3 (29kDa); platelet-activating factor acetylhydrolase IB subunit gamma; PAF AH1b alpha 1 subunit; PAFAH subunit gamma; PAF-AH subunit gamma; PAF-AH 29 kDa subunit; PAF-AH1b alpha 1 subunit; PAF acetylhydrolase 29 kDa subunit; platelet-activating factor acetylhydrolase, isoform Ib, subunit 3 (29kDa); PAFAHG; FLJ44990;
<b>Gene ID</b>	5050
<b>mRNA Refseq</b>	NM_001145940

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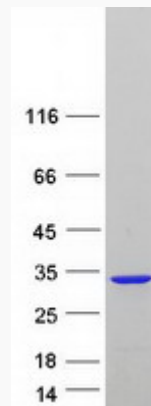
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**Protein Refseq** NP\_001139412

**MIM** 603074

**UniProt ID** Q15102

**SDS-PAGE**



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