

## Recombinant Human PAFAH1B3 protein, His & T7-tagged

**Cat. No.** PAFAH1B3-6901H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human PAFAH1B3 aa. (His28~Pro231 (Accession # Q15102)) fused with N-terminal His & T7 tag was produced in E. coli cells.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	His28~Pro231
<b>Description</b>	<p>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 mental retardation, ataxia, and atrophy of the brain. Alternatively spliced transcript variants have been described.</p>
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 26.6kDa
<b>Endotoxin</b>	<1.0EU per 1ug (determined by the LAL method)
<b>Purity</b>	>95%

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Characteristic</b>	The isoelectric point is 6.9.
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
<b>Storage buffer</b>	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
<b>Reconstitution</b>	Reconstitute in sterile PBS, pH7.2-pH7.4

## 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; PAFAHG; platelet-activating factor acetylhydrolase IB subunit gamma; PAF acetylhydrolase 29 kDa subunit; PAF-AH 29 kDa subunit; PAF-AH subunit gamma; PAF-AH1b alpha 1 subunit; PAFAH subunit gamma; platelet-activating factor acetylhydrolase 1b, catalytic subunit 3 (29kDa); platelet-activating factor acetylhydrolase, isoform Ib, subunit 3 (29kDa)
<b>Gene ID</b>	5050

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

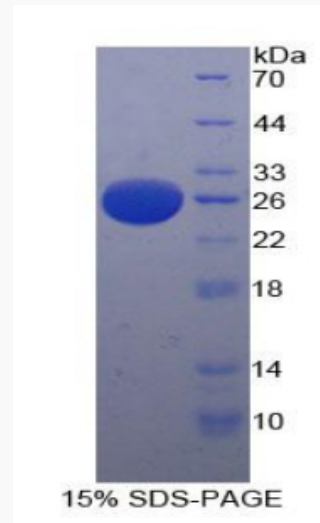
 45-1 Ramsey Road, Shirley, NY 11967, USA

mRNA Refseq [NM\\_001145939.1](#)

Protein Refseq [NP\\_001139411.1](#)

UniProt ID [Q15102](#)

SDS-PAGE



 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA