

Recombinant Human PAFAH1B3 protein, His & T7-tagged

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

SPECIFICATION

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

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Characteristic	The isoelectric point is 6.9.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4

GENE INFORMATION

Gene Name	PAFAH1B3 platelet activating factor acetylhydrolase 1b catalytic subunit 3 [Homo sapiens (human)]
Official Symbol	PAFAH1B3
Synonyms	PAFAH1B3; platelet activating factor acetylhydrolase 1b catalytic subunit 3; PAFAHG; platelet-activating factor acetylhydrolase 1b 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 1b, subunit 3 (29kDa)
Gene ID	5050

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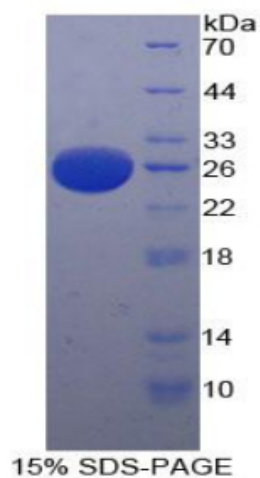
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mRNA Refseq [NM_001145939.1](#)

Protein Refseq [NP_001139411.1](#)

UniProt ID [Q15102](#)

SDS-PAGE



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