

Recombinant Full Length Human PAFAH1B3 Protein

Cat. No. PAFAH1B3-359HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human PAFAH1B3 with N-terminal proprietary tag. Predicted MW 51.52kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	231 amino acids
Description	<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>
Form	Liquid
Molecular Mass	51.520kDa inclusive of tags
AA Sequence	<p>MSGEENPASKPTPVQDVQGDGRWMSLHHRFVADSKDKEPE VVFIGDSLVLQMLHQ CEIWRELFSPHLALNFGIGDGTQHV LWRENGELEHIRPKIVVVWVGTNNHGHTA EQVTGGIKAI VQLVNERQPQARVVVLGLLPRGQHPNPLREKNRQVNELVR AALAG</p>

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HPRAHFLDADPGFVHSDGTISHHDMYDYLHLSRLG YTPVCRALHSLLLRLLAQQDQG
QGAPLLEPAP

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name [PAFAH1B3 platelet-activating factor acetylhydrolase 1b, catalytic subunit 3 \(29kDa\)](#) [[Homo sapiens](#)]

Official Symbol [PAFAH1B3](#)

Synonyms PAFAH1B3; platelet-activating factor acetylhydrolase 1b, catalytic subunit 3 (29kDa); platelet activating factor acetylhydrolase, isoform 1b, gamma subunit (29kD) , platelet activating factor acetylhydrolase, isoform 1b, gamma subunit 29kDa , platelet a

Gene ID [5050](#)

mRNA Refseq [NM_001145939](#)

Protein Refseq [NP_001139411](#)

MIM [603074](#)

UniProt ID [Q15102](#)

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