

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

Cat. No. PAFAH1B3-1613H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

PAFAH1B3 MS Standard C13 and N15-labeled recombinant protein (NP_002564) 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
CEIWRELFSPHLHALNFGIGDGTQHVLWRLLENGELEHIRPKIVVVVWGTNNHGHTAE
QVTGGIKAIVQLVNERQPQARVVVLGLLPRGQHPNPLREKNRQVNELVRAALAGHP
RAHFLDADPGFVHSDGTISHHDMYDYLHLSRLGYTPVCRALHSLLLRLLAQDQGGQ
APLLEPAPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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

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 (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;
Gene ID	5050
mRNA Refseq	NM_002573

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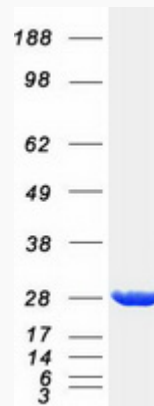
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Protein Refseq NP_002564

MIM 603074

UniProt ID Q15102

SDS-PAGE



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