Recombinant Human PAFAH1B3 293 Cell Lysate

Cat. No. PAFAH1B3-3467HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for platelet-activating factor acetylhydrolase, isoform Ib, subunit 3 (29kDa) (PAFAH1B3), transcript variant 2 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications	ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

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 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_001145939
Protein Refseq	NP_001139411
MIM	603074
UniProt ID	Q15102
Chromosome	19q13.1

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Location	
Pathway	Ether lipid metabolism, organism-specific biosystem; Ether lipid metabolism, conserved biosystem; Lissencephaly gene (LIS1) in neuronal migration and development, organism-specific biosystem; Metabolic pathways, organism-specific biosystem;
Function	1-alkyl-2-acetylglycerophosphocholine esterase activity; hydrolase activity; protein binding;

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