

Recombinant Human PAFAH1B2 293 Cell Lysate

Cat. No. PAFAH1B2-3468HCL Lot. No. (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for platelet-activating factor acetylhydrolase 1b, catalytic subunit 2 (30kDa) (PAFAH1B2) 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.
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

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mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name	PAFAH1B2 platelet-activating factor acetylhydrolase 1b, catalytic subunit 2 (30kDa) [Homo sapiens]
Official Symbol	PAFAH1B2
Synonyms	PAFAH1B2; platelet-activating factor acetylhydrolase 1b, catalytic subunit 2 (30kDa); platelet activating factor acetylhydrolase, isoform 1b, beta subunit 30kDa , platelet activating factor acetylhydrolase, isoform 1b, subunit 2 (30kDa); platelet-activating factor acetylhydrolase 1B subunit beta; PAF AH1b alpha 2 subunit; PAFAH subunit beta; PAF-AH subunit beta; PAF-AH 30 kDa subunit; PAF-AH1b alpha 2 subunit; PAF acetylhydrolase 30 kDa subunit; intracellular platelet-activating factor acetylhydrolase alpha 2 subunit; platelet-activating factor acetylhydrolase, isoform 1b, subunit 2 (30kDa);
Gene ID	5049
mRNA Refseq	NM_001184746
Protein Refseq	NP_001171675
MIM	602508
UniProt ID	P68402
Chromosome Location	11q23

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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;

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