

Human PAFAH1B1 Knockdown Cell Lysate

Cat. No. PAFAH1B1-259HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated PAFAH1B1 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	This locus was identified as encoding a gene that when mutated or lost caused the lissencephaly associated with Miller-Dieker lissencephaly syndrome. This gene encodes the non-catalytic alpha subunit of the intracellular Ib isoform of platelet-activating factor acetylhydrolase, a heterotrimeric enzyme that specifically catalyzes the removal of the acetyl group at the SN-2 position of platelet-activating factor (identified as 1-O-alkyl-2-acetyl-sn-glyceryl-3-phosphorylcholine). Two other isoforms of intracellular platelet-activating factor acetylhydrolase exist: one composed of multiple subunits, the other, a single subunit. In addition, a single-subunit isoform of this enzyme is found in serum.
Form	Cell-Tissue Lysis buffer
Molecular Mass	47 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type HeLa cell lysate for use. For Western blotting, we recommend running wild-type and knockdown lysates on the same gel, and loading each well with equal volume and equal amount of total proteins.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Store at -20 centigrade for two years.
Concentration	Lot-specific
Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg PAFAH1B1 KD HeLa cell lysate
Protein Pathways	Ether lipid metabolism, Metabolic pathways
Lysate QC	RT-qPCR; Western Blotting (WB)
GENE INFORMATION	
Gene Name	PAFAH1B1 platelet-activating factor acetylhydrolase 1b, regulatory subunit 1 (45kDa) [Homo sapiens (human)]
Official Symbol	PAFAH1B1
Synonyms	PAFAH1B1; platelet-activating factor acetylhydrolase 1b, regulatory subunit 1 (45kDa); MDCR, MDS, Miller Dieker syndrome chromosome region, platelet activating factor acetylhydrolase, isoform 1b, alpha subunit (45kD), platelet activating factor acetylhydrolase, isoform 1b, alpha subunit 45kDa, platelet activating factor acetylhydrolase, isoform 1b, subunit 1 (45kDa); platelet-activating factor acetylhydrolase 1B subunit alpha; LIS1; PAFAH; LIS-1; PAFAH alpha; PAF-AH alpha; PAF-AH 45 kDa subunit; lissencephaly 1 protein; lissencephaly-1 protein; PAF acetylhydrolase 45 kDa subunit; platelet-activating factor acetylhydrolase, isoform 1b, subunit 1 (45kDa); platelet-activating factor acetylhydrolase, isoform 1b, alpha subunit (45kD); MDS; LIS2; MDCR;
Gene ID	5048

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

mRNA Refseq	NM_000430
Protein Refseq	NP_000421
MIM	601545
UniProt ID	P43034

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA