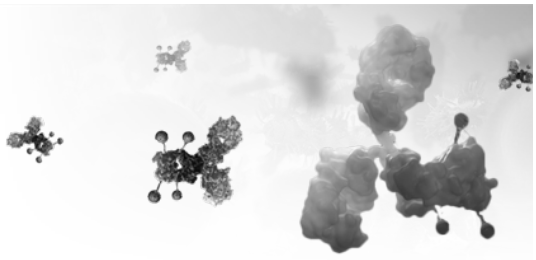

PAFAH1B1 blocking peptide (CDBP5683)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen 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 acteylhydrolase, 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. [provided by RefSeq, Apr 2009]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 μg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	PAFAH1B1 platelet-activating factor acetylhydrolase 1b, regulatory subunit 1 (45kDa) [Homo sapiens (human)]
Official Symbol	PAFAH1B1

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Synonyms	PAFAH1B1; platelet-activating factor acetylhydrolase 1b, regulatory subunit 1 (45kDa); MDS; LIS1; LIS2; MDCR; PAFAH; platelet-activating factor acetylhydrolase IB subunit alpha; 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 Ib, subunit 1 (45kDa); platelet-activating factor acetylhydrolase, isoform Ib, alpha subunit (45kD)
Entrez Gene ID	5048
mRNA Refseq	NM_000430
Protein Refseq	NP_000421
UniProt ID	P43034
Pathway	Cell Cycle; Centrosome maturation; Ether lipid metabolism; G2/M Transition; Lissencephaly gene (LIS1) in neuronal migration and development; Loss of Nlp from mitotic centrosomes
Function	dynactin binding; dynein binding; dynein intermediate chain binding; heparin binding; microtubule binding; phospholipase binding; phosphoprotein binding; protein binding; protein homodimerization activity

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