Recombinant Human Platelet-activating factor acetylhydrolase IB subunit alpha (PAFAH1B1)

Product Code	CSB-EP017383HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P43034
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MVLSQRQRDE LNRAIADYLR SNGYEEAYSV FKKEAELDVN EELDKKYAGL LEKKWTSVIR LQKKVMELES KLNEAKEEFT SGGPLGQKRD PKEWIPRPPE KYALSGHRSP VTRVIFHPVF SVMVSASEDA TIKVWDYETG DFERTLKGHT DSVQDISFDH SGKLLASCSA DMTIKLWDFQ GFECIRTMHG HDHNVSSVAI MPNGDHIVSA SRDKTIKMWE VQTGYCVKTF TGHREWVRMV RPNQDGTLIA SCSNDQTVRV WVVATKECKA ELREHEHVVE CISWAPESSY SSISEATGSE TKKSGKPGPF LLSGSRDKTI KMWDVSTGMC LMTLVGHDNW VRGVLFHSGG KFILSCADDK TLRVWDYKNK RCMKTLNAHE HFVTSLDFHK TAPYVVTGSV DQTVKVWECR
Source	E.coli
Target Names	PAFAH1B1
Protein Names	Recommended name: Platelet-activating factor acetylhydrolase IB subunit alpha Alternative name(s): Lissencephaly-1 protein Short name= LIS-1 PAF acetylhydrolase 45 kDa subunit Short name= PAF-AH 45 kDa subunit PAF-AH alpha
Expression Region	1-410
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	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.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a

	concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.