



# Recombinant Human Platelet-activating factor acetylhydrolase 2, cytoplasmic (PAFAH2)

<b>Product Code</b>	CSB-BP857448HU
<b>Abbreviation</b>	PAFAH2
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q99487
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MGVNQSVGFP PVTGPHLVGC GDVMEGQNLQ GSFFRLFYPC QKAEETMEQP LWIPRYEYCT GLAEYLQFNK RCGLLFNLA VGSCRLPVSW NGPFKTKDSG YPLIIFSHGL GAFRTLISAF CMELASRGFV VAVPEHRDRS AATTYFCKQA PEENQPTNES LQEEWIPFRR VEEGEKEFHV RNPQVHQRVS ECLRVLKILQ EVTAGQTVFN ILPGGLDLMT LKGNIDMSRV AVMGHSFGGA TAILALAKET QFRCAVALDA WMFPLERDFY PKARGPVFFI NTEKFQTMES VNLMKKICAQ HEQSRIITVL GSVHRSQTFD AFVTGNLIGK FFSTETRGS DPYEGQEVMM RAMLAFLQKH LDLKEDYNQW NNLIEGIGPS LTPGAPHHLS SL
<b>Source</b>	Baculovirus
<b>Target Names</b>	PAFAH2
<b>Protein Names</b>	Recommended name: Platelet-activating factor acetylhydrolase 2, cytoplasmic EC= 3.1.1.47 Alternative name(s): Serine-dependent phospholipase A2 Short name= SD-PLA2 Short name= hSD-PLA2
<b>Expression Region</b>	1-392
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	This gene encodes platelet-activating factor acetylhydrolase isoform 2, a single-subunit intracellular enzyme that catalyzes the removal of the acetyl group at the SN-2 position of platelet-activating factor (identified as 1-O-alkyl-2-acetyl-sn-glycerol-3-phosphorylcholine). However, this lipase exhibits a broader substrate specificity than simply platelet activating factor. Two other isoforms of intracellular platelet-activating factor acetylhydrolase exist, and both are multi-subunit enzymes. Additionally, there is a single-subunit serum isoform of this enzyme.



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**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.

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**Shelf Life**

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