



# Recombinant Human Platelet-activating factor acetylhydrolase IB subunit gamma (PAFAH1B3)

<b>Product Code</b>	CSB-EP619963HU
<b>Abbreviation</b>	PAFAH1B3
<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>	Q15102
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	SGEENPASK PTPVQDVQGD GRWMSLHHRF VADSKDKEPE VVFIGDSLIVQ LMHQCEIWRE LFSPLHALNF GIGGDGTQHV LWRENGELE HIRPKIVVVW VGTNNHGHTA EQVTGGIKAI VQLVNERQPQ ARVVVLGLLP RGQHPNPLRE KNRQVNELVR AALAGHPRAH FLDADPGFVH SDGTISHHDM YDYLHLSRLG YTPVCRALHS LLLRLLAQDQ GQGAPLLEPA P
<b>Source</b>	E.coli
<b>Target Names</b>	PAFAH1B3
<b>Protein Names</b>	Recommended name: Platelet-activating factor acetylhydrolase IB subunit gamma EC= 3.1.1.47 Alternative name(s): PAF acetylhydrolase 29 kDa subunit Short name= PAF-AH 29 kDa subunit PAF-AH subunit gamma Short name= PAFAH su
<b>Expression Region</b>	2-231
<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 of Mature Protein
<b>Target Details</b>	This gene encodes an acetylhydrolase that catalyzes the removal of an acetyl group from the glycerol backbone of platelet-activating factor. The encoded enzyme is a subunit of the platelet-activating factor acetylhydrolase isoform 1B complex, which consists of the catalytic beta and gamma subunits and the regulatory alpha subunit. This complex functions in brain development. A translocation between this gene on chromosome 19 and the CDC-like kinase 2 gene on chromosome 1 has been observed, and was associated with mental retardation, ataxia, and atrophy of the brain. Alternatively spliced transcript variants have been described.
<b>Reconstitution</b>	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

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