



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

Product Code	CSB-EP619963HU-B
Abbreviation	PAFAH1B3
Storage	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.
Uniprot No.	Q15102
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	SGEENPASK PTPVQDVQGD GRWMSLHHRF VADSKDKEPE VVFIGDSLIVQ LMHQCEIWRE LFSPLHALNF GIGGDGTQHV LWRENGELE HIRPKIVVVW VGTNNHGHTA EQVTGGIKAI VQLVNERQPQ ARVVVLGLLP RGQHPNPLRE KNRQVNELVR AALAGHPRAH FLDADPGFVH SDGTISHHDM YDYLHLSRLG YTPVCRALHS LLLRLLAQDQ GQGAPLLEPA P
Source	E.coli
Target Names	PAFAH1B3
Protein Names	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
Expression Region	2-231
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 of Mature Protein
Target Details	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.
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.