



# Recombinant Mouse Platelet-activating factor acetylhydrolase IB subunit gamma (Pafah1b3)

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|--------------------------|---|
| <b>Product Code</b>      | CSB-EP723403MO  |
| <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.<br>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>       | Q61205  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Mus musculus (Mouse)  |
| <b>Purity</b>            | ≥85% (SDS-PAGE)   |
| <b>Sequence</b>          | SGEGENPAS KPTPVQDVQG DGRWMSLHHR FVADSKDKEP EVVFIGDSL<br>VQLMHQCEIWR ELFSPLHALN FGIGGDSTQH VLWRENGEL EHIRPKIVVV<br>WVGTNNHSHT AEQVTGGIKA IVQLVNKLQP QARVVVLGLL PRGQHPNPLR<br>EKNRQVNELV RAALAGYPRA HFLDADPGFV HSDGTISHHD MYDYLHLSRL<br>GYTPVCRALH SLLRLLAQD QGGIPLPET AS   |
| <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> | 2-232   |
| <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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