

## Recombinant Human PAFAH1B2, His-tagged

**Cat. No.** PAFAH1B2-835H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                              |
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| <b>Product Overview</b> | Recombinant Human PAFAH1B2 was produced in E.coli with a His-tag at N-terminus.<br>MW = 25569 Da (1-229aa).                                                                                                                                                                                                                                  |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                       |
| <b>Description</b>      | Platelet-activating factor acetylhydrolase (PAFAH) inactivates platelet-activating factor (PAF) into acetate and LYSO-PAF. This gene encodes the beta subunit of PAFAH, the other subunits are alpha and gamma. Multiple alternatively spliced transcript variants that encode different protein isoforms have been described for this gene. |
| <b>Form</b>             | 10 mM Tris. pH 8.0. 0.05% Tween 20.                                                                                                                                                                                                                                                                                                          |
| <b>Purity</b>           | 95%.                                                                                                                                                                                                                                                                                                                                         |
| <b>Clonality</b>        | N/A.                                                                                                                                                                                                                                                                                                                                         |
| <b>Applications</b>     | MS. SDS.                                                                                                                                                                                                                                                                                                                                     |

### GENE INFORMATION

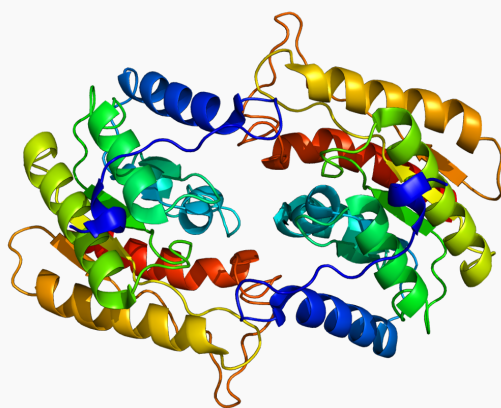
|                  |                                                                                                      |
|------------------|------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b> | PAFAH1B2 platelet-activating factor acetylhydrolase 1b, catalytic subunit 2 (30kDa) [ Homo sapiens ] |
|------------------|------------------------------------------------------------------------------------------------------|

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|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Synonyms</b>            | PAFAH1B2; platelet-activating factor acetylhydrolase 1b, catalytic subunit 2 (30kDa); platelet-activating factor acetylhydrolase 1B subunit beta; PAFAH subunit beta; PAF-AH subunit beta; PAF-AH 30 kDa subunit; PAF-AH1b alpha 2 subunit; PAF acetylhydrolase 30 kDa subunit; intracellular platelet-activating factor acetylhydrolase alpha 2 subunit; platelet-activating factor acetylhydrolase, isoform 1b, subunit 2 (30kDa); EC 3.1.1.47; platelet-activating factor acetylhydrolase, isoform 1b, beta subunit 30kDa; PAFAHB |
| <b>Gene ID</b>             | <a href="#">5049</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>mRNA Refseq</b>         | <a href="#">NM_001184746</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Protein Refseq</b>      | <a href="#">NP_001171675</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>MIM</b>                 | <a href="#">602508</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>UniProt ID</b>          | <a href="#">P68402</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Chromosome Location</b> | 11q23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Pathway</b>             | Ether lipid metabolism; Metabolic pathways                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Function</b>            | 1-alkyl-2-acetyl-glycerophosphocholine esterase activity; hydrolase activity, acting on ester bonds; protein binding                                                                                                                                                                                                                                                                                                                                                                                                                 |



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