

## PAFAHB Protein, Human, Recombinant (His)

## General Information

Synonyms:	PAFAH Subunit Beta;PAF-AH 30 kDa Subunit;Platelet-Activating Factor Acetylhydrolase IB Subunit $\beta$ ;PAFAH Subunit $\beta$ ;PAFAH1B2;PAF Acetylhydrolase 30 kDa Subunit;PAF-AH Subunit Beta;Platelet-Activating Factor Acetylhydrolase IB Subunit Beta;PAFAHB;PAF-AH Subunit $\beta$
Protein Construction:	Ser2-Ala229
Species:	Human
Expression Host:	E. coli
Accession:	P68402
Molecular Weight:	31 KDa (reducing condition)
AA Sequence:	Ser2-Ala229

## QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	Greater than 95% as determined by reducing SDS-PAGE. (QC verified)
Endotoxin:	< 0.1 ng/ $\mu$ g (1 EU/ $\mu$ g) as determined by LAL test.
Formulation:	Supplied as a 0.2 $\mu$ m filtered solution of 20 mM Tris-HCl, 150 mM NaCl, pH 8.0.

## Preparation and Storage

## Stability &amp; Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

## Shipping:

Proteins are shipped with blue ice.

## Protein Background

Platelet-Activating Factor Acetylhydrolase IB Subunit  $\beta$  (PAFAHB) is a cytoplasmic hydrolase. PAFAHB is a member of the GDSL lipolytic enzyme family. It also belongs to Platelet-activating factor acetylhydrolase IB beta/gamma subunits subfamily. Cytosolic PAF-AH IB is formed of three subunits of 45 kDa (alpha), 30 kDa (beta) and 29 kDa (gamma), PAFAHB is a catalytic subunit. PAFAHB inactivates PAF by removing the acetyl group at the sn-2 position.

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