



Recombinant Protein Technical Manual  
Recombinant Human PAFAH1B2/PAFAHB Protein  
(His Tag)  
RPES1095

### Product Data:

**Product SKU:** RPES1095

**Size:** 10µg

**Species:** Human

**Expression host:** E. coli

**Uniprot:** P68402

### Protein Information:

**Molecular Mass:** 26.6 kDa

**AP Molecular Mass:** 31 kDa

**Tag:** C-6His

**Bio-activity:**

**Purity:** > 95 % as determined by reducing SDS-PAGE.

**Endotoxin:** < 1.0 EU per µg as determined by the LAL method.

**Storage:** Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

**Shipping:** This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < -20°C.

**Formulation:** Supplied as a 0.2 µm filtered solution of 20mM Tris, 150mM NaCl, pH 8.0.

**Reconstitution:** Please refer to the printed manual for detailed information.

**Application:**

**Synonyms:** Platelet-Activating Factor Acetylhydrolase IB Subunit Beta; PAF Acetylhydrolase 30 kDa Subunit; PAF-AH 30 kDa Subunit; PAF-AH Subunit Beta; PAFAH Subunit Beta; PAFAH1B2; PAFAHB

## Immunogen Information:

**Sequence:** Ser2-Ala229

## 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.