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Datasheet for ABIN1097287

PAFAH1B2 Protein (AA 2-229) (His tag)

Overview

Quantity:	50 µg
Target:	PAFAH1B2
Protein Characteristics:	AA 2-229
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This PAFAH1B2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human PAF-AH subunit β /PAFAHB (C-6His)
Sequence:	SQGDSNPAAI PHAAEDIQGD DRWMSQHNRF VLDCKDKEPD VLFVGDSMVQ LMQQYEIWRE LFSPLHALNF GIGGDTTRHV LWRLKNGELE NIKPKVIVWW VGTNNHENTA EEVAGGIEAI VQLINTRQPQ AKIIVLGLLP RGEKPNPLRQ KNAKVNQLLK VSLPKLANVQ LLDTDGGFVH SDGAISCHDM FDFLHLTGGG YAKICKPLHE LIMQLLEETP EEKQTTIAVE HHHHHH
Characteristics:	Recombinant Human PAF-AH subunit β /PAFAHB (C-6His)
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	PAFAH1B2
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Target Details

Alternative Name:	Platelet-Activating Factor Acetylhydrolase IB Subunit beta/pafahb (PAFAH1B2 Products)
Background:	<p>Recombinant Human Platelet-Activating Factor Acetylhydrolase IB Subunit β/PAFAHB is produced by our E. coli expression system. The target protein is expressed with sequence (Met1-Ala229) of Human PAFAHB fused with a His tag at the C-terminus.</p> <p>Platelet-Activating Factor Acetylhydrolase IB Subunit β (PAFAHB) is a cytoplasmic hydrolase. PAFAHB is a member of the GDSL lipolytic enzyme family. It also belongs to Platelet-activating factor acetylhydrolase IB β/γ subunits subfamily. Cytosolic PAF-AH IB is formed of three subunits of 45 kDa (α), 30 kDa (β) and 29 kDa (γ), PAFAHB is a catalytic subunit. PAFAHB inactivates PAF by removing the acetyl group at the sn-2 position.</p>
Molecular Weight:	26.6 kDa
UniProt:	P68402

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 $\mu\text{g/mL}$.</p> <p>Dissolve the lyophilized protein in ddH₂O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Supplied as a 0.2 μm filtered solution of 20 mM Tris, 150 mM NaCl, pH 8.0.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	-80 °C
Storage Comment:	<p>Store at < -20°C, stable for 6 months after receipt.</p> <p>Please minimize freeze-thaw cycles.</p>
Expiry Date:	6 months