

Datasheet for ABIN7274756

GP1BB Protein (AA 27-147) (Fc Tag)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	GP1BB
Protein Characteristics:	AA 27-147
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GP1BB protein is labelled with Fc Tag.

Product Details

Purpose:	Human GP1BB Protein
Sequence:	Pro27-Cys147
Characteristics:	Recombinant Human GP1BB Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Pro27-Cys147.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	GP1BB
Alternative Name:	GP1BB (GP1BB Products)

Target Details

Background:	The glycoprotein (GP) Ib-IX complex is the receptor on platelet surfaces that mediates their adhesion to subendothelium. It comprises three polypeptides (GP Ib alpha, GP Ib beta, GP IX), each of which belongs to a superfamily of proteins containing conserved leucine-rich motifs. Association between GP Ib alpha and GP Ib beta was demonstrated biochemically on immunoblots of detergent lysates of CHO alpha beta cells, electrophoresis under nonreducing conditions revealed the two subunits to be covalently linked through a disulfide bond.
Molecular Weight:	39.6 kDa. Due to glycosylation, the protein migrates to 47-50 kDa based on Tris-Bis PAGE result.

Application Details

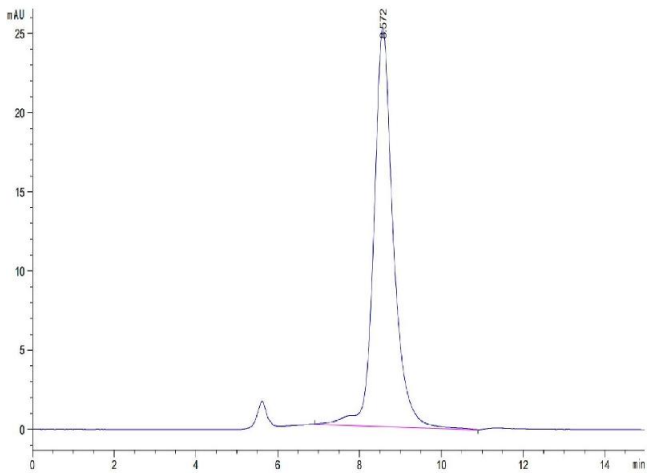
Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months

Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 1. The purity of Human GP1BB is greater than 95 % as determined by SEC-HPLC.



SDS-PAGE

Image 2. Human GP1BB on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

