

# Human GP1BB/CD42c (His Tag) recombinant protein



Catalog Number: 501940

## General Information

### Gene Name Synonym

Antigen CD42b-beta

### Protein Construction

A DNA sequence encoding the human GPIb, ? polypeptide extracellular domain (NP\_000398.1) (Met 1-Cys 147) with a C-terminal polyhistidine tag was expressed.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

> 97 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

### Predicted N terminal

Pro 27

### Molecular Mass

The recombinant human GPIb ? chain comprises 132 amino acids with a predicted molecular mass of 14.3 kDa. As a result of glycosylation, it migrates as an approximately 20 kDa band in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

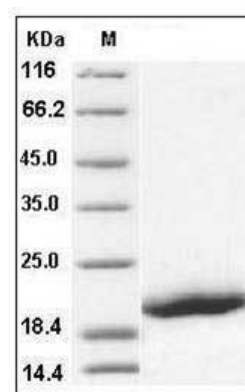
### Storage

Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ . It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Human GP1BB / CD42c Protein (His Tag) SDS-PAGE