

## Recombinant Rat Gp1bb protein(Met1-Cys147), hFc-tagged

Cat. No. Gp1bb-8805R    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                       |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Rat GP1BB (Q9JJM7) (Met1-Cys147) was expressed in HEK293, fused with the Fc region of Human IgG1 at the C-terminus.                                                                                                                                       |
| <b>Species</b>          | Rat                                                                                                                                                                                                                                                                   |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                |
| <b>ProteinLength</b>    | 1-147 a.a.                                                                                                                                                                                                                                                            |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.                                                                                                                        |
| <b>Molecular Mass</b>   | The recombinant rat GP1BB/Fc is a disulfide-linked homodimer. The reduced monomer comprises 359 amino acids and has a predicted molecular mass of 40.1 kDa. The apparent molecular mass of the protein is approximately 63 kDa in SDS-PAGE under reducing conditions. |
| <b>Endotoxin</b>        | < 1.0 EU per µg of the protein as determined by the LAL method                                                                                                                                                                                                        |
| <b>Purity</b>           | > 85 % as determined by SDS-PAGE                                                                                                                                                                                                                                      |
| <b>Storage</b>          | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.                       |

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**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

|                  |                                                                                 |
|------------------|---------------------------------------------------------------------------------|
| <b>Gene Name</b> | Gp1bb glycoprotein Ib (platelet), beta polypeptide [ <i>Rattus norvegicus</i> ] |
|------------------|---------------------------------------------------------------------------------|

|                        |       |
|------------------------|-------|
| <b>Official Symbol</b> | Gp1bb |
|------------------------|-------|

|                 |                                                                                                                                                            |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Synonyms</b> | GP1BB; glycoprotein Ib (platelet), beta polypeptide; platelet glycoprotein Ib beta chain; GPIbB; GPIb-beta; GP-Ib beta; glycoprotein Ib, beta polypeptide; |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                |        |
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| <b>Gene ID</b> | 116727 |
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| <b>mRNA Refseq</b> | NM_053930 |
|--------------------|-----------|

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| <b>Protein Refseq</b> | NP_446382 |
|-----------------------|-----------|

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