

## GP1BA 抗原（重组蛋白）

中文名称： GP1BA 抗原（重组蛋白）

英文名称： GP1BA Antigen (Recombinant Protein)

别 名： BSS; GP1B; VWDP; CD42B; GPIbA; BDPLT1; BDPLT3; DBPLT3; CD42b-alpha

储 存： 冷冻（-20℃）

相关类别： 抗原

概 述：

Fusion protein corresponding to a region derived from 17-300 amino acids of human GP1BA

技术规格：

|                           |  |
|---------------------------|--|
| <b>Full name:</b>         | glycoprotein Ib (platelet), alpha polypeptide  |
| <b>Synonyms:</b>          | BSS; GP1B; VWDP; CD42B; GPIbA; BDPLT1; BDPLT3; DBPLT3; CD42b-alpha   |
| <b>Swissprot:</b>         | P07359   |
| <b>Gene Accession:</b>    | BC027955   |
| <b>Purity:</b>            | >85%, as determined by Coomassie blue stained SDS-PAGE   |
| <b>Expression system:</b> | Escherichia coli   |
| <b>Tags:</b>              | His tag C-Terminus, GST tag N-Terminus   |
| <b>Background:</b>        | Glycoprotein Ib (GP Ib) is a platelet surface membrane glycoprotein composed of a heterodimer, an alpha chain and a beta chain, that is linked by disulfide bonds. The Gp Ib functions as a receptor for von Willebrand factor (VWF). The complete receptor complex includes noncovalent association of the alpha and beta subunits with platelet glycoprotein IX and platelet glycoprotein V. The binding of the GP Ib-IX |

-V complex to VWF facilitates initial platelet adhesion to vascular sub endothelium after vascular injury, and also initiates signaling events within the platelet that lead to enhanced platelet activation, thrombo sis, and hemostasis. This gene encodes the alpha subunit. Mutations in this gene result in Bernard-Soulier syndromes and platelet-type vo n Willebrand disease. The coding region of this gene is known to co ntain a polymorphic variable number tandem repeat (VNTR) domain t hat is associated with susceptibility to nonarteritic anterior ischemic o ptic neuropathy.