

Recombinant Human GP1BA

Catalog No: #GP11609



Package Size: #GP11609-1 100ug

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Description

Product Name	Recombinant Human GP1BA
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 17-300 amino acids of human glycoprotein Ib (platelet), alpha polypeptide
Target Name	glycoprotein Ib (platelet), alpha polypeptide
Other Names	BSS; GP1B; VWDP; CD42B; GPIbA; BDPLT1; BDPLT3; DBPLT3; CD42b-alpha
Accession No.	Swissprot:P07359Gene Accession:BC027955
Uniprot	P07359
GenelD	2811;
Storage	-20~-80°C, pH 7.6 PBS

Background

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 subendothelium after vascular injury, and also initiates signaling events within the platelet that lead to enhanced platelet activation, thrombosis, and hemostasis. This gene encodes the alpha subunit. Mutations in this gene result in Bernard-Soulier syndromes and platelet-type von Willebrand disease. The coding region of this gene is known to contain a polymorphic variable number tandem repeat (VNTR) domain that is associated with susceptibility to nonarteritic anterior ischemic optic neuropathy.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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