

# Recombinant Human Platelet glycoprotein Ib alpha chain(GP1BA),partial

Catalog No: #AP76595

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Package Size: #AP76595-1 20ug #AP76595-2 100ug #AP76595-3 1mg

## Description

Product Name	Recombinant Human Platelet glycoprotein Ib alpha chain(GP1BA),partial
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:17-531aaSequence Info:Partial of BC027955
Other Names	Antigen CD42b-alpha CD_antigen: CD42b Cleaved into the following chain: Glycocalicin
Accession No.	BC027955
Calculated MW	58.9 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	HPICEVSKVASHLEVNC DKRNLTALPPDLPKD TTILHLS ENLLYTFSLATLMPYTRLTQLNLDRC ELTKLQVDGT LPVLGTLDSLHNQLQSLPLLGGTLPALT VLDVSNRLTSLPLGALRGLGELQELYLKGNELKTLPPGLLTPTPKL EKLSLANNNLTELPAGLLNGLENLDTLLQENSLYTI PKGFFGSHLLPFAFLHGNPWLCNCEILYFRRWLQDNA ENVYVWKQGVDVKAMTSNVASVQCDNSDKFPVYKYPGKG CPTLGDEGDTLDLYDYPEEDTEGDKVRATRT VVKFPTKAHTTPWGLFYSWSTASLDSQMPSSLHPTQESTKEQTTFPPRWTPNFTLHMESITFSKTPKSTTEPT PSPTTSEPVP EPAPNM TLEPTPSPTTPEPTSE PAPSPTTPEPTPIPTIATSPTILVSATSLITPKSTFLT TTKPVS LLESTKKTIP EL DQPPKLRGVLQGHLESSRNDPFLHPDFCCLLP LGFYVLGLFWLLFASVVLILLLSWVGH
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.  Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## Background

GP-Ib, a surface membrane protein of platelets, participates in the formation of platelet plugs by binding to the A1 domain of vWF, which is already bound to the subendothelium.

## References

"Identification of a novel point mutation in platelet glycoprotein Ibalpha, Gly to Ser at residue 233, in a Japanese family with platelet-type von Willebrand disease."Matsubara Y., Murata M., Sugita K., Ikeda Y.J. Thromb. Haemost. 1:2198-2205(2003)Research Topic:Cardiovascular

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Note: This product is for in vitro research use only