

Recombinant Human GP1BA Protein (17-505 aa), His-tagged

Cat. No. GP1BA-531H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GP1BA Protein (17-505 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Cardiovascular. Protein Description: Partial.
Species	Human
Source	E.coli
ProteinLength	17-505 aa
Description	GP-Ib, a surface mbrane 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.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	57.9 kDa
AA Sequence	HPICEVSKVASHLEVNC DKRNLTALPPDLPKD TTILHLS ENLLYTFSLATLMPYTRLTQ LNLDRCELTKLQVDGTL PVLGTLDSLHNQLQSLPLL GQTLPALTVLDVSFNRLTSLPL GALRGLGELQELYLKGNELKTLPPGLLTPTPKLEKLSLANNNLTELPAGLLNGLENLD TLLLQENSLYTIPKGFFGSHLLPFAFLHGNPWLCNCEILYFRRWLQDNAENVYVWKQ GVDVKAMTSNVA SVQCDNSDKFPVYKYPGKG CPTLGDEGDTDLYDYYPEEDTEGD KVRATRTVVKFPTKAHTTPWGLFYSWSTASLDSQMPSSLHPTQESTKEQTTFPFR WTPNFTLHMESITFSKTPKSTTEPTSPPTTSEPVPEPAPNMTTLEPTSPPTTPEPTSE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	PAPSPTTPEPTPIPTIATSPTILVSATSLITPKSTFLTTTKPVSLLESTKKTIPELDQPPKL RGVLQGHLESSRNDPFLHPDFCCLLPL
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with concentration instruction is sent along with the products.

GENE INFORMATION

Gene Name	GP1BA glycoprotein Ib (platelet), alpha polypeptide [Homo sapiens]
Official Symbol	GP1BA
Synonyms	GP1BA; GP1B; CD42b; BSS; VWDP; CD42B; GPIbA; BDPLT1; BDPLT3; DBPLT3; CD42b-alpha; MGC34595;
Gene ID	2811
mRNA Refseq	NM_000173
Protein Refseq	NP_000164
MIM	606672

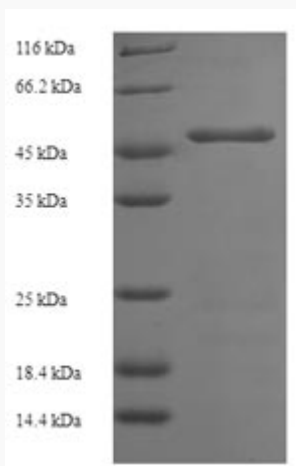
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UniProt ID

BC027955



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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