

Recombinant Human GP1BA Protein, GST-tagged

Cat. No. GP1BA-5130H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human GP1BA full-length ORF (AAH27955.1, 1 a.a. - 626 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	Glycoprotein Ib (GP Ib) is a platelet surface membrane glycoprotein composed of a heterodimer, an alpha chain and a beta chain, that are 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. Several polymorphisms and mutations have been described in this gene, some of which are the cause of Bernard-Soulier syndromes and platelet-type von Willebrand disease. [provided by RefSeq]
Molecular Mass	95.4 kDa
AA Sequence	MPLLLLLLLLLPSPLHPPICEVSKVASHLEVNC DKRNLTALPPDLPKD TTILHLS ENLL YTFSLATLMPYTRLTQLNLDRC ELTKLQVDGTL PVLGTLDSLHNQLQSL PLLGQTLPA LTVLDVSNRLTSLPLGALRGLGELQELYLKGNELKTLPPGLLTPTPKLEKLSLANN

 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



LTELPAGLLNGLENLDTLLLQENSLYTIPKGGFFGSHLLPFAFLHGNPWLCNCEILYFR
 RWLQDNAENVYVWKQGVDVKAMTSNVASVQCDNSDKFPVYKYPGKGCPTLGDEG
 DTDLYDYYPEEDTEGDKVRATRTVVKFPTKAHTTPWGLFYSWSTASLDSQMPSSLH
 PTQESTKEQTTFPPRWTPNFTLHMESITFSKTPKSTTEPTSPPTTSEPVPPEPAPNMT
 TLEPTSPPTTPEPTSEPAPSPPTTPEPTPIPTIATSPTILVSATSLITPKSTFLTTTKPVSL
 LESTKKTIPELDQPPKLRGVLQGHLESSRNDPFLHPDFCCLLPLGFYVLGLFWLLFAS
 VVLILLWSVGHVKPQALDSGQGAALTTATQTTHLELQRGRQVTVPRALLFLRGSL
 PTFRSSLFLWVRPNGRLGPLVAGRRPSALSQGRGQDLLSTVSIRYSGHSL

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

GP1BA glycoprotein Ib (platelet), alpha polypeptide [Homo sapiens]

Official Symbol

GP1BA

Synonyms

GP1BA; glycoprotein Ib (platelet), alpha polypeptide; GP1B; platelet glycoprotein Ib
 alpha chain; CD42b; GP-Ib alpha; antigen CD42b-alpha; platelet membrane
 glycoprotein 1b-alpha subunit; BSS; VWDP; CD42B; GPIbA; BDPLT1; BDPLT3;
 DBPLT3; CD42b-alpha; MGC34595;

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

Gene ID 2811

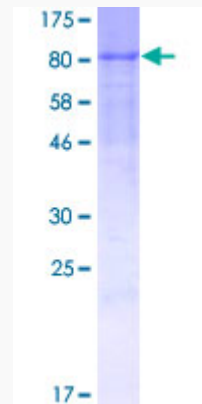
mRNA Refseq NM_000173

Protein Refseq NP_000164

MIM 606672

UniProt ID P07359

**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

 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