Recombinant Human glycoprotein Ibα, His-tagged, non-sulfated

Cat. No. GP1BA-19H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human GP1BA, fused with an C-terminal hexahistidine tag, was expressed in HEK293-EBNA1 cells. In the native protein the tyrosine residues at positions 292, 294 and 295 are sulfated. In this product none of the three tyrosines are sulfated.
Species	Human
Source	HEK293
Description	Glycoprotein Ibα is part of the platelet receptor Glycoprotein Ib-XI-V complex. The Glycoprotein Ib-XI-V complex mediates binding of platelets to sites of vascular damage. This product consists of residues 17-306 of glycoprotein Ibα and contains the binding sites for Von Willebrand Factor, thrombin and botrocetin. The two N-linked glycoslation sites , Asn37 and Asn175, have been removed by mutation to glutamine.
Form	PBS without preservative.
Molecular Mass	The calculated molecular weight of recombinant human GpIbα, residues 17-306, is 33.5 kDa.
AA Sequence	Residues 17-306
Storage	- 80 °C (stable for at least 1 year). After thawing it should be stored in appropriate

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

	small aliquots at - 20 °C or - 80 °C (stable for at least 2 months).

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;
Gene ID	2811
mRNA Refseq	NM_000173
Protein Refseq	NP_000164
MIM	606672
UniProt ID	P07359
Chromosome Location	17pter-p12
Pathway	ECM-receptor interaction, organism-specific biosystem; ECM-receptor interaction, conserved biosystem; Formation of Fibrin Clot (Clotting Cascade), organism-specific biosystem; GP1b-IX-V activation signalling, organism-specific biosystem; Hematopoietic cell lineage, organism-specific biosystem; Hematopoietic cell lineage, conserved biosystem; Hemostasis, organism-specific biosystem;

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

Function	protein binding; thrombin receptor activity;

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