

Recombinant Human glycoprotein Iba, His-tagged, fully sulfated

Cat. No. GP1BA-18H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human GP1BA, fused with an C-terminal hexahistidine tag, was expressed in HEK293-EBNA1 cells. The tyrosine residues at positions 292, 294 and 295 are sulfated.
Species	Human
Source	HEK293
Description	Glycoprotein Iba 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 Iba and contains the binding sites for Von Willebrand Factor, thrombin and botrocetin. The two N-linked glycosylation sites , Asn37 and Asn175, have been removed by mutation to glutamine.
Form	PBS without preservative.
Molecular Mass	The calculated molecular weight of recombinant human GpIba, 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 small aliquots at - 20 °C or - 80 °C (stable for at least 2 months).

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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;
Function	protein binding; thrombin receptor activity;

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