

## Native Human GPIIbIIIa

**Cat. No.** ITGB3-11H    **Lot. No.** (See product label)

### SPECIFICATION

**Product Overview** Platelet membrane glycoproteins IIb and IIIa (GPIIb and GPIIIa) constitute the fibrinogen receptor and are required for platelet aggregation. Glycoprotein IIb consists of 2 disulfide-linked subunits GPIIb (MW = 125,000) and GPII (MW= 23,000) while GPIIIa has only one polypeptide chain (MW= 108,000). GPIIbIIIa migrates on gels as follows: GPIIb 136,000 non-reduced and 125,000 reduced. GPIIIa is 97,000 non-reduced and 108,000 reduced. Protein concentration is determined via the Bradford method.

**Species** Human

**Source** Human Plasma

**Form** liquid

**Purity** >95% by SDS-PAGE analysis

**Usage** For in vitro laboratory use only

**Notes** Optimal experimental conditions and working dilutions must be determined by the end user. Sample concentration and volume are for example purposes only and do not necessarily represent the product that will be received. Please contact us for a current lot-specific product datasheet.

**Storage** -20°C

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<b>Concentration</b>	2.0 mg/ml
<b>Storage Buffer</b>	0.02M Tris-HCl; 0.1M NaCl; 0.1% Triton X-100; 0.001M CaCl <sub>2</sub> ; 0.05% NaN <sub>3</sub> ; 50% glycerol; pH 7.4
<b>Preservative</b>	SodiumAzide
<b>Shipping</b>	Cold pack

## GENE INFORMATION

<b>Gene Name</b>	ITGB3 integrin, beta 3 (platelet glycoprotein IIIa, antigen CD61) [ Homo sapiens ]
<b>Official Symbol</b>	ITGB3
<b>Synonyms</b>	ITGB3; integrin, beta 3 (platelet glycoprotein IIIa, antigen CD61); GP3A; integrin beta-3; CD61; GPIIIa; platelet glycoprotein IIIa; platelet membrane glycoprotein IIIa; GT; BDPLT2;
<b>Gene ID</b>	<a href="#">3690</a>
<b>mRNA Refseq</b>	<a href="#">NM_000212</a>
<b>Protein Refseq</b>	<a href="#">NP_000203</a>
<b>UniProt ID</b>	<a href="#">P05106</a>
<b>Chromosome Location</b>	17q21.32
<b>Pathway</b>	Arf6 signaling events, organism-specific biosystem; Arrhythmogenic right ventricular cardiomyopathy (ARVC), organism-specific biosystem; Arrhythmogenic right

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ventricular cardiomyopathy (ARVC), conserved biosystem; Axon guidance, organism-specific biosystem; Cell surface interactions at the vascular wall, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Dilated cardiomyopathy, organism-specific biosystem;

**Function**

cell adhesion molecule binding; identical protein binding; integrin binding; platelet-derived growth factor receptor binding; protein binding; protein disulfide isomerase activity; receptor activity; vascular endothelial growth factor receptor 2 binding; vascular endothelial growth factor receptor 2 binding;

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