

## Native Human GPIIbIIIa

Cat. No. ITGA2B-10H    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Human
<b>Source</b>	Human Plasma
<b>Form</b>	liquid
<b>Purity</b>	>95% by SDS-PAGE analysis
<b>Usage</b>	For in vitro laboratory use only
<b>Notes</b>	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.
<b>Storage</b>	-20°C
<b>Concentration</b>	2.0 mg/ml

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

<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
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	ITGA2B integrin, alpha 2b (platelet glycoprotein IIb of IIb/IIIa complex, antigen CD41) [ <a href="#">Homo sapiens</a> ]
<b>Official Symbol</b>	ITGA2B
<b>Synonyms</b>	ITGA2B; integrin, alpha 2b (platelet glycoprotein IIb of IIb/IIIa complex, antigen CD41); GP2B, integrin, alpha 2b (platelet glycoprotein IIb of IIb/IIIa complex, antigen CD41B); integrin alpha-IIb; CD41; CD41B; GPalpha IIb; platelet-specific antigen BAK; platelet membrane glycoprotein IIb; platelet fibrinogen receptor, alpha subunit; GT; GTA; GP2B; HPA3; GPIIb; BDPLT2;
<b>Gene ID</b>	<a href="#">3674</a>
<b>mRNA Refseq</b>	<a href="#">NM_000419</a>
<b>Protein Refseq</b>	<a href="#">NP_000410</a>
<b>MIM</b>	<a href="#">607759</a>
<b>UniProt ID</b>	<a href="#">P08514</a>
<b>Chromosome</b>	17q21.32

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<b>Location</b>	
<b>Pathway</b>	Arf6 signaling events, organism-specific biosystem; Arrhythmogenic right ventricular cardiomyopathy (ARVC), organism-specific biosystem; Arrhythmogenic right ventricular cardiomyopathy (ARVC), conserved biosystem; Axon guidance, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Dilated cardiomyopathy, organism-specific biosystem; Dilated cardiomyopathy, conserved biosystem;
<b>Function</b>	extracellular matrix binding; identical protein binding; protein binding; receptor activity;

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