

Native Human GPIIbIIIa

Cat. No. ITGA2B-10H **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.
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
Concentration	2.0 mg/ml

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Storage Buffer	0.02M Tris-HCl; 0.1M NaCl; 0.1% Triton X-100; 0.001M CaCl ₂ ; 0.05% NaN ₃ ; 50% glycerol; pH 7.4
Preservative	SodiumAzide
Shipping	Cold pack

GENE INFORMATION

Gene Name	ITGA2B integrin, alpha 2b (platelet glycoprotein IIb of IIb/IIIa complex, antigen CD41) [Homo sapiens]
Official Symbol	ITGA2B
Synonyms	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;
Gene ID	3674
mRNA Refseq	NM_000419
Protein Refseq	NP_000410
MIM	607759
UniProt ID	P08514
Chromosome	17q21.32

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Location	
Pathway	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;
Function	extracellular matrix binding; identical protein binding; protein binding; receptor activity;

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