

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

 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

Concentration	2.0 mg/ml
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	ITGB3 integrin, beta 3 (platelet glycoprotein IIIa, antigen CD61) [Homo sapiens]
Official Symbol	ITGB3
Synonyms	ITGB3; integrin, beta 3 (platelet glycoprotein IIIa, antigen CD61); GP3A; integrin beta-3; CD61; GPIIIa; platelet glycoprotein IIIa; platelet membrane glycoprotein IIIa; GT; BDPLT2;
Gene ID	3690
mRNA Refseq	NM_000212
Protein Refseq	NP_000203
UniProt ID	P05106
Chromosome Location	17q21.32
Pathway	Arf6 signaling events, organism-specific biosystem; Arrhythmogenic right ventricular cardiomyopathy (ARVC), organism-specific biosystem; Arrhythmogenic right

 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

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;

 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