Active Recombinant Human ITGAIIb&ITGB3 protein, His-tagged

Cat. No. ITGAIIb&ITGB3-0198H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ITGAIIb&ITGB3 protein(Leu32-Arg993(ITGAIIb)&Gly27-Asp718(ITGB3)), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	32-993;27-718 a.a.
Form	Lyophilized from 0.22 μm filtered solution in 50 mM Tris, 150 mM NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human Fibronectin at 2 μg/mL (100 μL/well) can bind Human ITGAIIb&ITGB3 Heterodimer Protein, His Tag&Tag Free with a linear range of 2-78 ng/mL.Immobilized Human ITGAIIb&ITGB3 Heterodimer Protein, His Tag&Tag Free at 1 μg/mL (100 μL/well) can bind Abciximab with a linear range of 0.8-6 ng/mL.
Molecular Mass	The non-reducing (NR) protein migrates as 115-130 kDa (ITGAIIb) and 85-92 kDa (ITGB3) respectively due to glycosylation.
Proteinlength	Leu32-Arg993(ITGAIIb)&Gly27-Asp718(ITGB3)
Endotoxin	Less than 1.0 EU per μg by the LAL method.

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Purity	>90% as determined by SDS-PAGE.
Storage	For long term, the product should be stored at lyophilized state at -20°C or lower.Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Official Symbol	ITGAIIb

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