Active Recombinant Human ITGA7X2B&ITGB1 protein, His-tagged

Cat. No. ITGA7X2B&ITGB1-0164H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ITGA7X2B&ITGB1 protein(Phe34-Trp1038(ITGA7X2B)&Gln21-Asp728(ITGB1)), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	34-1038;21-728 a.a.
Form	Lyophilized from 0.22 μm filtered solution in 50 mM Tris, 150 mM NaCl, pH7.5 with trehalose as protectant.
Bio-activity	Immobilized Human ITGA7X2B&ITGB1 Heterodimer Protein, His Tag&Tag Free at 5 μg/mL (100 μL/well) can bind Human Laminin 221 E8, Fc Tag with a linear range of 0.2-5 ng/mL.
Molecular Mass	The non-reducing (NR) protein migrates as 130-135 kDa (ITGA7X2B) and 100-125 kDa (ITGB1) respectively due to glycosylation.
Proteinlength	Phe34-Trp1038(ITGA7X2B)&Gln21-Asp728(ITGB1)
Endotoxin	Less than 1.0 EU per μg by the LAL method.
Purity	>90% as determined by SDS-PAGE.

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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	ITGA7X2B

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