Active Recombinant Mouse ITGAV&ITGB8 protein, His-Avi-tagged, Biotinylated

Cat. No. ITGAV&ITGB8-0165M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Mouse ITGAV&ITGB8 protein(Phe31-Val988&Gly22-Leu681), fused with His and Avi tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	31-988;22-681 a.a.
Form	Lyophilized from 0.22 μm filtered solution in 50 mM Tris, 150 mM NaCl,pH 7.5 with trehalose as protectant.
Bio-activity	Immobilized Mouse Latent TGFB1, His Tag at 2 μg/mL (100 μL/well) can bind Biotinylated Mouse ITGAV&ITGB8 Heterodimer Protein with a linear range of 1-20 ng/mL.Immobilized Human Latent TGFB1, His Tag at 5 μg/mL (100 μL/well) can bind Biotinylated Mouse ITGAV&ITGB8 Heterodimer Protein with a linear range of 2-20 ng/mL.
Molecular Mass	The protein migrates as 80-90 kDa under non-reducing (NR) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Phe31-Val988&Gly22-Leu681
Endotoxin	Less than 1.0 EU per μg by the LAL method.

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Purity	>95% 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.
Conjugation	Biotin

GENE INFORMATION

Gene Name	Itgav integrin alpha V [Mus musculus]
Official Symbol	ITGAV
Synonyms	ITGAV; integrin alpha V; integrin alpha-V; alphav-integrin; vitronectin receptor subunit alpha; vitronectin receptor alpha polypeptide (VNRA); CD51; 1110004F14Rik; 2610028E01Rik; D430040G12Rik;
Gene ID	16410
mRNA Refseq	NM_008402
Protein Refseq	NP_032428

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