

Active Recombinant Mouse ITGAV&ITGB5 protein, His & Avi-tagged, Biotinylated

Cat. No. ITGAV&ITGB5-1864M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse ITGAV&ITGB5 protein(NP_032428.2)(Phe 31 - Val 988 & Gly 24 - Asn 719), fused with His tag and Avi tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Phe 31 - Val 988 & Gly 24 - Asn 719
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 Human Fibronectin at 50 µg/mL (100 µL/well) can bind Biotinylated Mouse ITGAV&ITGB5 Heterodimer Protein, His,Avitag&Tag Free with a linear range of 0.625-10 µg/mL.
Molecular Mass	The protein migrates as 80-90 kDa (ITGB5) and 125-145 kDa (ITGAV)under non-reducing (NR) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or

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lower.
Please avoid repeated freeze-thaw cycles.
This product is stable after storage 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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