# Recombinant Mouse ITGAV & ITGB6 protein, Flag & His-tagged

**Cat. No.** ITGAV & ITGB6-1946M **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Mouse ITGAV & ITGB6 protein(NP_032428.2 & NP_067334.1)(Met1-Val988 & Met1-Pro708), fused with Flag & His tag, was expressed in HEK293. |
| **Species** | Mouse |
| **Source** | HEK293 |
| **ProteinLength** | Met1-Val988 & Met1-Pro708 |
| **Form** | Lyophilized from sterile PBS, pH 7.4.Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA. |
| **Molecular Mass** | The recombinant heterodimer of mouse ITGAV&ITGB6 comprises 1728 (1000+728) amino acids and has a calculated molecular mass of 190.4 (110.7+79.7) KDa. |
| **Endotoxin** | < 1.0 EU per μg of the protein as determined by the LAL method |
| **Purity** | > 90 % as determined by SDS-PAGE |
| **Storage** | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |

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| **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

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| **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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