

## Recombinant Human ITGAV & ITGB5 Protein, His-tagged

**Cat. No.** ITGAV & ITGB5-755H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ITGAV (Phe 31 - Val 992) (NP_002201) & ITGB5 (Gly 24 - Asn 719) (AAH06541) Protein, fused with polyhistidine tag at the C-terminus and followed by a acidic tail (ITGAV) & a basic tail at the C-terminus (ITGB5), was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Phe 31 - Val 992 (ITGAV) & Gly 24 - Asn 719 (ITGB5)
<b>Predicted N Terminal</b>	Phe 31 (ITGAV) & Gly 24 (ITGB5)
<b>Form</b>	Lyophilized from sterile PBS, pH7.4 , 10% trehalose.
<b>Molecular Mass</b>	Human ITGAV & ITGB5 Heterodimer Protein, produced by co-expression of ITGAV and ITGB5, has a calculated MW of 113 kDa (ITGAV) and 81.9 kDa (ITGB5). The reducing (R) protein migrates as 145 kDa (ITGAV) and 100-116 kDa (ITGB5) respectively due to glycosylation.
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>95% as determined by SDS-PAGE.
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70°C.

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**Storage**

Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**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**

ITGAV & ITGB5

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