

Recombinant Human ITGAV & ITGB5 Protein, His-tagged

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	HEK293
ProteinLength	Phe 31 - Val 992 (ITGAV) & Gly 24 - Asn 719 (ITGB5)
Predicted N Terminal	Phe 31 (ITGAV) & Gly 24 (ITGB5)
Form	Lyophilized from sterile PBS, pH7.4 , 10% trehalose.
Molecular Mass	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.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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