

Recombinant Human ITGAV&ITGB5 protein, His-Avi-tagged

Cat. No. ITGAV & ITGB5-336H **Lot. No.** (See product label)

SPECIFICATION

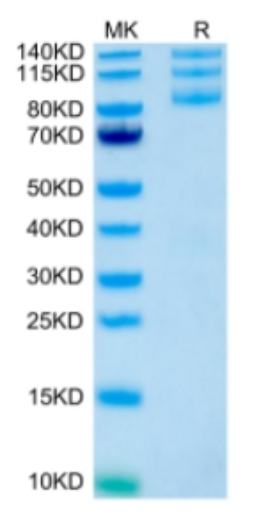
Product Overview	Recombinant Human ITGAV&ITGB5 protein(P06756-1(ITGAV)&P18084(ITGB5))(Phe31-Val992(ITGAV)& Gly24-Asn719(ITGB5)), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Phe31-Val992(ITGAV)& Gly24-Asn719(ITGB5)
Tag	C-His-Avi
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human ITGAV&ITGB5, His Tag at 2µg/ml (100µl/Well) on the plate. Dose response curve for Anti-alpha V Antibody, hFc Tag with the EC50 of 7.4ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 114 kDa (ITGAV)&81.4 kDa (ITGB5). Due to glycosylation, the protein migrates to 85-140 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC

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

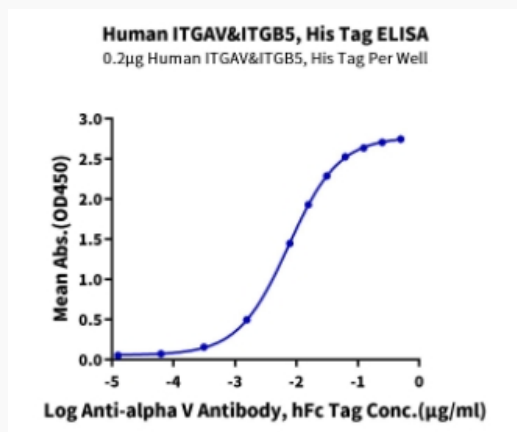
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
GeneID 2	3693
GENE INFORMATION	
Gene Name	ITGAV integrin, alpha V [Homo sapiens]
Official Symbol	ITGAV
Synonyms	ITGAV; integrin, alpha V; antigen identified by monoclonal L230 , integrin, alpha V (vitronectin receptor, alpha polypeptide, antigen CD51) , MSK8, vitronectin receptor , VNRA, VTNR; integrin alpha-V; CD51; integrin alphaVbeta3; vitronectin receptor subunit alpha; antigen identified by monoclonal L230; integrin, alpha V (vitronectin receptor, alpha polypeptide, antigen CD51); MSK8; VNRA; VTNR; DKFZp686A08142;
Gene ID	3685
mRNA Refseq	NM_001144999
Protein Refseq	NP_001138471
MIM	193210
UniProt ID	P06756

Gene Name 2	ITGB5 integrin, beta 5 [Homo sapiens]
Official Symbol 2	ITGB5
Synonyms 2	ITGB5; integrin, beta 5; integrin beta-5; FLJ26658;
mRNA Refseq 2	NM_002213
Protein Refseq 2	NP_002204
MIM 2	147561
UniProt ID 2	P18084
Tris-Bis PAGE	

ELISA Data



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