

Recombinant Human ITGAV&ITGB6 protein, His-Avi-tagged

Cat. No. ITGAV&ITGB6-5633H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ITGAV&ITGB6 protein(P06756-1(ITGAV)&P18564-1(ITGB6))(Phe31-Val992(ITGAV) & Gly22-Asn707(ITGB6)), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Phe31-Val992(ITGAV) & Gly22-Asn707(ITGB6)
Tag	C-His-Avi
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human ITGAV&ITGB6, His Tag at 2 µg/ml (100 µl/well) on the plate. Dose response curve for Biotinylated Human Latent TGF beta 1, His Tag with the EC50 of 63.3 ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 114 kDa (ITGAV)&79.1 kDa (ITGB6). Due to glycosylation, the protein migrates to 90-150 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

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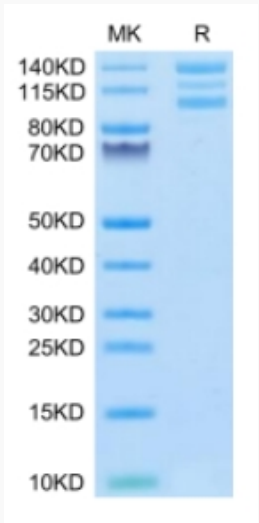
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Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
GeneID 2	3694
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

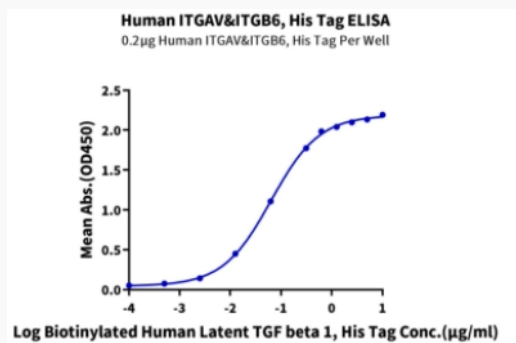
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Gene Name 2	ITGB6 integrin, beta 6 [Homo sapiens]
Official Symbol 2	ITGB6
Synonyms 2	ITGB6; integrin, beta 6; integrin beta-6;
mRNA Refseq 2	NM_000888
Protein Refseq 2	NP_000879
MIM 2	147558
UniProt ID 2	P18564
Tris-Bis PAGE	

ELISA Data



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