

Recombinant Human ITGAV & ITGB8 protein(Met1-Val992 & Met1-Arg684), flag-tagged

Cat. No. ITGAV & ITGB8-1157H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ITGAV (P06756)(Met1-Val992) was fused with a flag tag at the C-terminus, constructed the plasmid 1; Recombinant Human ITGB8 (P26012)(Met1-Arg684) constructed the plasmid 2. The two plasmids were co-expressed and the Human ITGAV&ITGB8 heterodimer was purified in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Val992 & Met1-Arg684
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant heterodimer of human ITGAV&ITGB8 comprises 1700 (1015+685) amino acids and has a calculated molecular mass of 187.95 (112.22+75.75) KDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % 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

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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