

Recombinant Human ITGA5 & ITGB6, Flag & His tagged

Cat. No. ITGA5-164H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ITGA5 & ITGB6 (P06756-1 & P22646) (Met1-Val992 & Met1-Asn707), fused with A DNA sequence encoding the extracellular domain (Met 1-Val992) of human ITGAV (P06756-1) was fused with a flag tag at the C-terminus, constructed the plasmid 1;
Species	Human
Source	Human Cells
ProteinLength	1-992;1-707 a.a.
Predicted N Terminal	Phe 31 & Gly 22
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant heterodimer of human ITGAV&ITGB6 comprises 1731 (1003+728) amino acids and has a calculated molecular mass of 190.4 (111.1+79.3) KDa. As a result of glycosylation, the apparent molecular mass of human ITGAV&ITGB6 heterodimer is approximate
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE

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Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. 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. Centrifuge the vial at 4°C before opening to recover the entire contents.

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