

Recombinant Human ITGA5, flag & His tagged

Cat. No. ITGA5-4116H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ITGA5 (P08648) extracellular domain (Met 1-Tyr 995), fused with a flag tag at the C-terminus, constructed the plasmid 1; Human ITGB1 (P05556-1) extracellular domain (Met 1-Asp 728), fused with a polyhistidine tag at the C-terminus, constructed the p
Species	Human
Source	Human Cells
ProteinLength	1-995;1-728 a.a.
Form	Lyophilized from sterile PBS, pH 7.4
Molecular Mass	The recombinant heterodimer of human ITGA5/ITGB1 comprises 1745 (996 + 749) amino acids and has a calculated molecular mass of 192 (109 + 83) kDa. As a result of glycosylation, the apparent molecular mass of rh ITGA5/ITGB1 heterodimer is approximately 120 & 140 kDa in SDS-PAGE under reducing conditions
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
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.

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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.

GENE INFORMATION

Gene Name [ITGA5 integrin, alpha 5 \(fibronectin receptor, alpha polypeptide\) \[Homo sapiens \]](#)

Official Symbol [ITGA5](#)

Gene ID [3678](#)

mRNA Refseq [NM_002205](#)

Protein Refseq [NP_002196](#)

MIM [135620](#)

UniProt ID [P08648](#)

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