

Recombinant Human ITGA8, flag & His tagged

Cat. No. ITGA8-4118H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ITGA8 (P53708) extracellular domain (Met 1-Leu 1012), 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
Species	Human
Source	Human Cells
ProteinLength	1-1012;1-728 a.a.
Form	Lyophilized from sterile PBS, pH 7.4
Molecular Mass	The recombinant heterodimer of human ITGA8/ITGB1 comprises 1765 (1016 + 749) amino acids and has a calculated molecular mass of 196 (113 + 83) kDa. As a result of glycosylation, the apparent molecular mass of rh ITGA8/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	ITGA8 integrin, alpha 8 [Homo sapiens]
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Official Symbol	ITGA8
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Gene ID	8516
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mRNA Refseq	NM_003638
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Protein Refseq	NP_003629
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MIM	604063
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UniProt ID	P53708
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