

Recombinant Human ITGA4 & ITGB1 protein, His-Avi-tagged

Cat. No. ITGA4 & ITGB1-906H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human Integrin ITGA4&ITGB1 Protein is expressed from mammalian with aHis Tag and Avi Tag at the C-terminal. It contains PTyr 34 - Thr 977 (P13612) acidic tail& Gln21-His 728(P05556)basic tail design.
Species	Human
Source	HEK293
ProteinLength	It contains PTyr 34 - Thr 977 (P13612) acidic tail& Gln21-His 728(P05556)basic tail design.
Description	Integrins alpha-4/beta-1 (VLA-4) and alpha-4/beta-7 are receptors for fibronectin. They recognize one or more domains within the alternatively spliced CS-1 and CS-5 regions of fibronectin. They are also receptors for VCAM1. Integrin alpha-4/beta-1 recognizes the sequence Q-I-D-S in VCAM1. Integrin alpha-4/beta-7 is also a receptor for MADCAM1.
Form	Supplied as 0.22um filtered solution in PBS (pH 7.4).
Molecular Mass	The protein has a predicted MW of 112.5 kDa (P13612)&83.2 kDa(P05556).
Endotoxin	Less than 1EU per ug by the LAL method.
Storage	The product should be stored at -70°C. Please do not 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	ITGA4 integrin, alpha 4 (antigen CD49D, alpha 4 subunit of VLA-4 receptor) [Homo sapiens]
Official Symbol	ITGA4; ITGB1
Synonyms	Integrin alpha 4 beta 1; beta1; alpha 4
Gene ID	3676
mRNA Refseq	NM_000885
Protein Refseq	NP_000876
MIM	192975
UniProt ID	P13612

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