

Recombinant Human ITGA6&ITGB1 protein, His-Avi-tagged

Cat. No. ITGA6 & ITGB1-102H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ITGA6&ITGB1 protein(P23229-2(ITGA6)&P05556-1(ITGB1))(Phe24-Gly1012(ITGA6)& Gln21-Asp728(ITGB1)), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Phe24-Gly1012(ITGA6)& Gln21-Asp728(ITGB1)
Tag	C-His-Avi
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Molecular Mass	The protein has a predicted MW of 117.9 kDa(ITGA6)&83.2 kDa(ITGB1). Due to glycosylation, the protein migrates to 110-130 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

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Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
GeneID 2	3688
GENE INFORMATION	
Gene Name	ITGA6 integrin, alpha 6 [Homo sapiens]
Official Symbol	ITGA6
Synonyms	ITGA6; integrin, alpha 6; integrin alpha-6; CD49f; integrin alpha6B; CD49 antigen-like family member F; VLA-6; ITGA6B; FLJ18737; DKFZp686J01244;
Gene ID	3655
mRNA Refseq	NM_000210
Protein Refseq	NP_000201
MIM	147556
UniProt ID	P23229
Gene Name 2	ITGB1 integrin, beta 1 (fibronectin receptor, beta polypeptide, antigen CD29 includes MDF2, MSK12) [Homo sapiens]
Official Symbol 2	ITGB1
Synonyms 2	ITGB1; integrin, beta 1 (fibronectin receptor, beta polypeptide, antigen CD29 includes MDF2, MSK12); FNRB, MDF2, MSK12; integrin beta-1; CD29; GPIIA; integrin VLA-4

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beta subunit; very late activation protein, beta polypeptide; FNRB; MDF2; VLAB; MSK12; VLA-BETA;

mRNA Refseq 2 [NM_002211](#)

Protein Refseq 2 [NP_002202](#)

MIM 2 [135630](#)

UniProt ID 2 [P05556](#)

Tris-Bis PAGE

