

Recombinant Human ITGA6 & ITGB1 protein, His-tagged

Cat. No. ITGA6 & ITGB1-105H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ITGA6 & ITGB1 protein(P23229-2(ITGA6) & P05556-1(ITGB1))(Phe 24 - Gly 1012 (ITGA6) & Gln 21 - Asp 728 (ITGB1)), fused to His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Phe 24 - Gly 1012 (ITGA6) & Gln 21 - Asp 728 (ITGB1)
Form	Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 150 mM NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.
Molecular Mass	The non-reducing (NR) protein migrates as 140-150 kDa (ITGA6) and 100-118 kDa (ITGB1) respectively due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

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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 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

Bioactivity-ELISA

Immobilized Human ITGA6&ITGB1 Heterodimer Protein, His Tag&Tag Free at 5 µg/mL (100 µL/well) can bind Human Laminin 511 E8, Fc Tag with a linear range of 0.1-8 ng/mL.

SDS-PAGE

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