

Integrin alpha 6 beta 1 Protein, Human (HEK293, Flag-His)

Cat. No.:	HY-P73871
Synonyms:	CD49f; Integrin alpha 6 beta 1; ITGA6B; VLA-6
Species:	Human
Source:	HEK293
Accession:	P23229-3 (F24-S1011)&P05556 (Q21-D728)
Gene ID:	3655&3688
Molecular Weight:	Approximately 110&130 kDa

PROPERTIES

Biological Activity	Measured by its binding ability in a functional ELISA. When Recombinant Human Laminin alpha 4 is immobilized at 5 µg/mL (100 µL/well) can bind Biotinylated Recombinant Human Integrin alpha 6 beta 1. The ED ₅₀ for this effect is 7.473 nM.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

Caution: Product has not been fully validated for medical applications. For research use only.

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