



Certificate of Analysis

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

Cat. No.:	HY-P73871
Batch No.:	324070
Species:	Human
Source:	HEK293
Tag:	C-His;C-Flag
Accession:	P23229-3 (F24-S1011)&P05556 (Q21-D728)
Gene ID:	3655&3688
Molecular Weight:	Approximately 110&130 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE.	97.80%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
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.	PASS
Appearance	Lyophilized powder	
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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA