



Certificate of Analysis

Integrin alpha 8 beta 1 Protein, Human (HEK293, Flag, His)

Cat. No.:	HY-P73869
Batch No.:	280712
Species:	Human
Source:	HEK293
Tag:	C-10*His;C-Flag
Accession:	P53708 (F39-L1012)&P05556-1 (Q21-D728)
Gene ID:	8516& 3688
Molecular Weight:	Approximately 85-140 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by Tris-Bis PAGE.	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Human Fibronectin, at 5 μg/mL (100 μL/well) can bind Biotinylated Human Integrin alpha 8 beta 1 protein. The ED ₅₀ for this effect is 428.7 ng/mL	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. 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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