



Certificate of Analysis

Integrin alpha V beta 3 Protein, Mouse (Biotinylated, HEK293, His-Avi)

Cat. No.:	HY-P701015
Batch No.:	276190
Species:	Mouse
Source:	HEK293
Tag:	C-Avi;C-His
Accession:	P43406 (F31-V988)&O54890 (E26-D717)
Gene ID:	16410&16416
Molecular Weight:	90-130 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	<1 EU/μg
Biological Activity	Immobilized Human Vitronectin, His Tag at 5 μg/ml (100μl/well) on the plate. Dose response curve for Biotinylated Mouse ITGAV&ITGB3, His Tag with the EC ₅₀ of 3.2 μg/mL determined by ELISA.	3.2 μg/mL
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. 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.

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