



Certificate of Analysis

Integrin alpha X beta 2 Protein, Human (HEK293, His)

Cat. No.:	HY-P73863
Batch No.:	277618
Species:	Human
Source:	HEK293
Tag:	C-His
Accession:	P20702 (F20-P1107)&P05107 (Q23-N700)
Gene ID:	3687&3689
Molecular Weight:	130-150 kDa(ITGAX)&85-96 kDa(ITGB2) kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by Tris-Bis PAGE or reducing SDS-PAGE.	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Immobilized Human ITGAX&ITGB2, His Tag at 1 μg/mL (100 μl/well) on the plate. Dose response curve for Anti-ITGB2 Antibody, hFc Tag with the EC ₅₀ of 26.8 ng/mL determined by ELISA.	26.8 ng/mL
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in PBS. 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.

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