



Certificate of Analysis

IL-12 beta Protein, Rat (HEK293, His)

Cat. No.:	HY-P73164
Batch No.:	243426
Species:	Rat
Source:	HEK293
Tag:	C-His
Accession:	E9PU71 (M23-S335)
Gene ID:	64546
Molecular Weight:	Approximately 47&45 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	97.20%
Endotoxin Level	<1 EU/µg, determined by LAL method.	PASS
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized rat IL12B at 10 µg/mL (100 µl/well) can bind mouse IL12RB2 and the EC ₅₀ is 0.6-1.5 µg/mL.	PASS
Appearance	Lyophilized powder.	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O.	
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