



Certificate of Analysis

IL-23 alpha (175a.a) & IL-12 beta (313a.a) Heterodimer Protein, Mouse (HEK293, His)

Cat. No.:	HY-P74814
Batch No.:	240924
Species:	Mouse
Source:	HEK293
Tag:	C-His
Accession:	Q9EQ14 (V22-A196)&P43432 (M23-S335)
Gene ID:	83430&16160
Molecular Weight:	Approximately 47&45&26 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	95.20%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	1. Immobilized Human IL23 Receptor hFc at 2 μg/mL (100 μL/well) can bind Mouse IL-23 His, the EC ₅₀ of Mouse IL-23 His is 50-250 ng/mL. 2. Measured by its ability to induce IL17 secretion by mouse splenocytes and the ED ₅₀ is 0.5-4 ng/mL.	Pass (Test by method 1) 2 ng/mL (Test by method 2)
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