



Certificate of Analysis

Cynomolgus IL-23 alpha & Mouse IL-12 beta Heterodimer Protein (HEK293, His)

Cat. No.:	HY-P77703
Batch No.:	256167
Species:	Cynomolgus
Source:	HEK293
Tag:	N-His
Accession:	A0A2K5TLV4 (V22-P189)&P43432 (M23-S335)
Gene ID:	102128555&16160
Molecular Weight:	22 (Cynomolgus IL23 alpha)&40-50 (Mouse IL12 beta) 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	Cynomolgus IL-23R, His Tag immobilized on CM5 Chip can bind Cynomolgus IL-23 alpha&Mouse IL-12 beta, His Tag with an affinity constant of 2.36 nM as determined in SPR assay (Biacore T200).	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.

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