



Certificate of Analysis

IL-17A-17F Heterodimer Protein, Mouse (Biotinylated, HEK293, His-Avi)

Cat. No.:	HY-P77708
Batch No.:	268723
Species:	Mouse
Source:	HEK293
Tag:	C-Avi;C-His
Accession:	Q62386 (A26-A158)&Q7TNI7-1 (R29-A161)
Gene ID:	16171&257630
Molecular Weight:	22-25 kDa & 27-30 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.	<0.05 EU/μg
Biological Activity	Immobilized Mouse IL-17R alpha, hFc Tag at 2 μg/mL (100 μl/well) on the plate. Dose response curve for Biotinylated Mouse IL-17A&F, His Tag with the EC ₅₀ of 19.6 ng/mL determined by ELISA.	19.6 ng/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.

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