



Certificate of Analysis

IL-17RA Protein, Mouse (HEK293, His)

Cat. No.:	HY-P74827
Batch No.:	289220
Species:	Mouse
Source:	HEK293
Tag:	C-His
Accession:	Q60943/NP_032385.1 (S32-W322)
Gene ID:	16172
Molecular Weight:	55-60 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its ability to inhibit IL-17-induced IL-6 secretion by NIH-3T3 mouse embryonic fibroblast cells. The ED ₅₀ for this effect is 0.02995 μg/mL, corresponding to a specific activity is 33388.982 U/mg, in the presence of 10 ng/mL of recombinant mouse IL-17.	0.02995 μg/mL
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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