



Certificate of Analysis

IL-22R alpha 1 Protein, Rat (HEK293, Fc)

Cat. No.:	HY-P77001
Batch No.:	280150
Species:	Rat
Source:	HEK293
Tag:	C-hFc
Accession:	D3ZIM3 (T18-A228)
Gene ID:	362629
Molecular Weight:	Approximately 50.8 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	Immobilized Human IL-22, His Tag at 1 μg/mL (100 μl/well) on the plate. Dose response curve for Rat IL-22R alpha 1, hFc Tag with the EC ₅₀ of <42.2 ng/mL determined by ELISA.	30.4 ng/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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