



Certificate of Analysis

CD47 Protein, Human (Biotinylated, HEK293, Avi-His)

Cat. No.:	HY-P72359
Batch No.:	180098
Species:	Human
Source:	HEK293
Tag:	C-Avi;C-6*His
Accession:	Q08722 (Q19-P139)
Gene ID:	961
Molecular Weight:	30-55 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE or Tis-Bis PAGE.	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Immobilized Human SIRP alpha, hFc Tag at 1 μg/mL (100 μl/well) on the plate. Dose response curve for Biotinylated Human CD47, His Tag with the EC ₅₀ of < 0.48 μg/mL determined by ELISA	26.9 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 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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