



Certificate of Analysis

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

Cat. No.: HY-P78095
Batch No.: 227858
Species: Human
Source: HEK293
Tag: C-Avi;C-His
Accession: Q08722 (Q19-P139)
Gene ID: 961
Molecular Weight: 45-55 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	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 0.48-0.83 μg/ml determined by ELISA.	0.83 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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