



# Certificate of Analysis

## CD47 Protein, Human (Biotinylated, HEK293, mFc-Avi)

Cat. No.:	HY-P78561
Batch No.:	320287
Species:	Human
Source:	HEK293
Tag:	C-mFc;C-Avi
Accession:	Q08722-3 (Q19-P139)
Gene ID:	961
Molecular Weight:	60-66 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥98.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Immobilized Human SIRP alpha at 2 μg/mL (100 μL/well) can bind Biotinylated Human CD47 mFc-Avi with a linear range of 6-8 ng/mL.	6.558-7.078 ng/mL
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> 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 (with carrier protein). 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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