



# Certificate of Analysis

## CD47 Protein, Human (HEK293)

Cat. No.:	HY-P72917
Batch No.:	290075
Species:	Human
Source:	HEK293
Tag:	Tag Free
Accession:	Q08722 (Q19-P139)
Gene ID:	961
Molecular Weight:	35-48 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 CD47, No Tag at 5 μg/mL (100 μl/well) on the plate. Dose response curve for Human SIRP alpha, hFc Tag with the EC <sub>50</sub> of ≤1.83 μg/mL determined by ELISA.	1.83 μg/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. 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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