



# Certificate of Analysis

## CD47 Protein, Mouse (HEK293, Fc)

Cat. No.: HY-P78711  
 Batch No.: 424332  
 Species: Mouse  
 Source: HEK293  
 Tag: C-hFc  
 Accession: Q61735 (Q19-K140)  
 Gene ID: 16423  
 Molecular Weight: 60-70 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 Mouse SIRP alpha, His Tag at 1 μg/mL (100 μl/well) on the plate. Dose response curve for CD47, Mouse (HEK293, Fc) with the EC <sub>50</sub> of 0.26 μg/mL determined by ELISA .	0.26 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 (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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