



# Certificate of Analysis

## CD47 Protein, Cynomolgus/Rhesus Macaque (HEK293, Fc)

Cat. No.: HY-P7831  
 Batch No.: 397246  
 Species: Rhesus Macaque;Cynomolgus  
 Source: HEK293  
 Tag: C-hFc  
 Accession: F7A802/NP\_001253446 (Q19-S139)  
 Gene ID: 704980  
 Molecular Weight: Approximately 60-90 kDa due to the glycosylation.

### 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	Measured by its binding ability in a functional ELISA. Immobilized Human SIRP alpha at 2μg/mL (100 μL/well) can bind Cynomolgus CD47. The ED <sub>50</sub> for this effect is 0.19 μg/mL.	0.19 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. 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 (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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA