



# Certificate of Analysis

## SIRP alpha/CD172a Protein, Rat (HEK293, His)

Cat. No.:	HY-P76073
Batch No.:	315040
Species:	Rat
Source:	HEK293
Tag:	C-His
Accession:	P97710 (K32-N373)
Gene ID:	25528
Molecular Weight:	63-80 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	Measured by its binding ability in a functional ELISA. When Recombinant Mouse CD47 is present at 5 μg/mL, can bind Biotinylated Recombinant Rat CD172a. The ED <sub>50</sub> for this effect is 157.1 ng/mL.	157.1 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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