



# Certificate of Analysis

## SIRP alphaV8/CD172a Protein, Human (Biotinylated, HEK293, His-Avi)

Cat. No.:	HY-P78808
Batch No.:	283206
Species:	Human
Source:	HEK293
Tag:	C-Avi;C-His
Accession:	ATD50864 (E31-R369, S44L, S50T, I52T, H54R, V57A)
Gene ID:	/
Molecular Weight:	50-60 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE.	95.00%
Endotoxin Level	<1 EU/µg, determined by LAL method.	PASS
Biological Activity	Immobilized Human CD47 mFc at 2 µg/mL (100 µL/well) can bind Biotinylated Human SIRP alphaV8 His-Avi with a linear range of 0.02-1.25 µg/mL.	253.0-299.5 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. 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. 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