



Certificate of Analysis

SIRP alpha/CD172a Protein, Human (HEK293, Fc)

Cat. No.:	HY-P7406
Batch No.:	275083
Species:	Human
Source:	HEK293
Tag:	C-hFc
Accession:	P78324 (E31-R370)
Gene ID:	140885
Molecular Weight:	85-100 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥95.0%
Endotoxin Level	<0.2 EU/μg, determined by LAL method.	PASS
Biological Activity	Immobilized CD47, His, Human at 2.0 μg/mL (100 μl/well), can bind SIRPα, hFc, Human with a linear range of 0.25-185.0 ng/mL.	PASS
Appearance	Lyophilized powder.	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ 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.

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