



Certificate of Analysis

SIRP alpha/CD172a Protein, Human (G75A, HEK293, His)

Cat. No.:	HY-P74546
Batch No.:	282311
Species:	Human
Source:	HEK293
Tag:	C-His
Accession:	P78324-1 (E31-R370, G75A)
Gene ID:	140885
Molecular Weight:	45-55 kDa

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	Immobilized Recombinant Human CD47 Protein (ECD,Fc Tag) at 2 μg/mL (100 μL/well) can bind Recombinant Human SIRP alpha / CD172a Protein (ECD, His Tag), the EC ₅₀ is 280-850 ng/mL.	280-850 ng/mL
Appearance	Solution	
Concentration	5.56 mg/mL	
Reconstitution	N/A.	
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.	
Shipping	Shipping with dry ice	

Caution: Product has not been fully validated for medical applications. For research use only.

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