



# Certificate of Analysis

## CD64 Protein, Human (Biotinylated, 272a.a, HEK293, His-Avi)

Cat. No.:	HY-P72926
Batch No.:	242768
Species:	Human
Source:	HEK293
Tag:	C-Avi;C-His
Accession:	P12314 (Q16-T287)
Gene ID:	2209
Molecular Weight:	Approximately 34.4 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE	94.20%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Immobilized Anti-CD20(Ro) Antibody (Rituximab) at 1 μg/mL (100 μL/well) can bind Recombinant Human CD64 / FCGR1A Protein (His & AVI Tag), Biotinylated, the EC <sub>50</sub> is 1-3 ng/mL.	PASS
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. 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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