



# Certificate of Analysis

## CD64 Protein, Mouse (HEK293, His-Avi)

Cat. No.:	HY-P72927
Batch No.:	252911
Species:	Mouse
Source:	HEK293
Tag:	C-Avi;C-His
Accession:	P26151 (E25-P297)
Gene ID:	14129
Molecular Weight:	45-50 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. Immobilized CD64 Protein, Mouse (HEK293, His-Avi) at 10 μg/mL (100 μl/well) can bind human IgG1 and the EC <sub>50</sub> is 0.07-0.15 μg/mL. Labeled biotin to CD64 Protein, Mouse (HEK293, His-Avi) by a certain molar ratio; Using the Octet RED System, the affinity constant (Kd) of CD64 Protein, Mouse (HEK293, His-Avi) bound to IgG1 Antibody was 5.6 nM.	PASS
Appearance	Solution.	
Concentration	1.23 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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