



Certificate of Analysis

Fc gamma RIIIA/CD16a Protein, Cynomolgus (Biotinylated, HEK293, His-Avi)

Cat. No.:	HY-P78879
Batch No.:	289251
Species:	Cynomolgus
Source:	HEK293
Tag:	C-Avi;C-His
Accession:	Q8SPW2 (G17-Q208)
Gene ID:	102140945
Molecular Weight:	36-45 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	97.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Anti-CD16a antibody at 2 μg/mL can bind Biotinylated Cynomolgus CD16. The EC ₅₀ is 1.737-10.78 ng/mL.	1.737-10.78 ng/mL
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ 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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