



Certificate of Analysis

Fc gamma RIII/CD16 Protein, Rhesus Macaque (His)

Cat. No.: HY-P77314
Batch No.: 316390
Species: Rhesus Macaque
Source: HEK293
Tag: C-His
Accession: A3RFZ7 (G17-G206)
Gene ID: 720006
Molecular Weight: Approximately 32-41 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	Measured by its binding ability in a functional ELISA. Immobilized Rhesus CD16 at 10 μg/mL (100 μL/well) can bind Biotinylated Human IgG. The ED ₅₀ for this effect is 0.2155 μg/mL.	0.2155 μg/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 (with carrier protein). 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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