



# Certificate of Analysis

## Fc gamma RIII/CD16 Protein, Cynomolgus (HEK293, His)

Cat. No.:	HY-P77663
Batch No.:	194975
Species:	Cynomolgus
Source:	HEK293
Tag:	C-His
Accession:	Q8SPW2 (G17-Q208)
Gene ID:	102140945
Molecular Weight:	33-40 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by Tris-Bis PAGE.	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its binding ability in a SPR assay (Biacore T200). Rituximab captured on CM5 Chip via Protein A can bind Cynomolgus Fc gamma RIII with an affinity constant of 0.251 μM.	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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