



Certificate of Analysis

CD3E-CD3G Heterodimer Protein, Cynomolgus (HEK293, Fc)

Cat. No.:	HY-P77605
Batch No.:	194962
Species:	Cynomolgus
Source:	HEK293
Tag:	C-hFc
Accession:	Q95LI5 (Q22-D117)&Q95LI7 (Q23-T113)
Gene ID:	102133065&102134381
Molecular Weight:	36.9 kDa(CD3E) & 36.5 kDa(CD3G)

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by Tris-Bis PAGE.	≥95.0%
Endotoxin Level	<0.02 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its binding ability in a functional ELISA. When Cynomolgus CD3E&CD3G is immobilized at 0.5 μg/mL (100 μL/well), Biotinylated Anti-CD3 Antibody binds with an EC ₅₀ of 54.9 ng/mL.	PASS
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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