



# Certificate of Analysis

## CD3E-CD3G Heterodimer Protein, Human (HEK293, His)

Cat. No.:	HY-P77609
Batch No.:	279566
Species:	Human
Source:	HEK293
Tag:	C-His
Accession:	P07766 (D23-E120)&P09693 (Q23-Q106)
Gene ID:	916&917
Molecular Weight:	25-40 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	Immobilized Human CD3E&CD3G, His Tag at 2 μg/mL (100 μl/Well) on the plate. Dose response curve for OKT3, mFc Tag with the EC <sub>50</sub> of 110.2 ng/mL determined by ELISA.	110.2 ng/mL
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. 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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