



# Certificate of Analysis

## CD3D-CD3E Heterodimer Protein, Human (HEK293, Fc)

Cat. No.:	HY-P77610
Batch No.:	280059
Species:	Human
Source:	HEK293
Tag:	C-hFc
Accession:	P04234 (F22-A105)&P07766 (D23-D126)
Gene ID:	915&916
Molecular Weight:	40-53 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&CD3D, hFc Tag at 1 μg/mL (100 μl/Well). Dose response curve for OKT3, mFc Tag with the EC <sub>50</sub> of 45.9 ng/mL determined by ELISA.	45.9 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 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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