



Certificate of Analysis

CD3D-CD3E Heterodimer Protein, Human (HEK293, His)

Cat. No.:	HY-P72726
Batch No.:	121912
Species:	Human
Source:	HEK293
Tag:	C-6*His
Accession:	P04234 (F22-A105)&P07766 (D23-D126)
Gene ID:	915&916
Molecular Weight:	16-30 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	<1 EU/μg
Biological Activity	Immobilized Human CD3D&CD3E Heterodimer-Hisat 1μg/mL (100 μl/well) can bind Anti-Human/Monkey CD3E mAb . The ED ₅₀ of Anti-Human/Monkey CD3E mAb is 20.36 ng/mL.	20.36 ng/mL
Appearance	Lyophilized powder.	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).	
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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