



# Certificate of Analysis

## CD4 Protein, Human (Biotinylated, HEK293, His-Avi)

Cat. No.:	HY-P78090
Batch No.:	194959
Species:	Human
Source:	HEK293
Tag:	C-Avi;C-His
Accession:	P01730 (K26-W390)
Gene ID:	920
Molecular Weight:	50-60 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 Biotinylated Human CD4 His at 0.5 μg/mL (100μL/Well) on the plate. Dose response curve for Anti-CD4 Antibody hFc with the EC <sub>50</sub> < 17.2 ng/mL determined by ELISA.	15.8 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. 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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA