



# Certificate of Analysis

## CD4 Protein, Ferret (HEK293, His)

**Cat. No.:** HY-P72900  
**Batch No.:** 316865  
**Species:** Others  
**Source:** HEK293  
**Tag:** C-His  
**Accession:** I6LI22 (R26-L401)  
**Gene ID:** 101684487  
**Molecular Weight:** Approximately 52 kDa

### ANALYTICAL DATA

| TEST                | Specifications   | Results |
|---------------------|--|---------|
| Purity              | Greater than 95% as determined by reducing SDS-PAGE  | ≥98.0%  |
| Endotoxin Level     | <1 EU/μg, determined by LAL method.  | PASS    |
| Biological Activity | Measured by the ability of the immobilized protein to support the adhesion of NIH-3T3 mouse embryonic fibroblast cells. When $5 \times 10^4$ cells/well are added to CD4-coated plates (1.25 μg/mL and 100 μL/well), approximately 53.82% will adhere specifically after 30 minutes at 37°C. | 53.82%  |
| Appearance          | Lyophilized powder   |         |
| Reconstitution      | It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> 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 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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