



Certificate of Analysis

CD3D-CD3E Heterodimer Protein, Human (Biotinylated, HEK293, Fc-Avi)

| | |
|-------------------|-------------------------------------|
| Cat. No.: | HY-P77612 |
| Batch No.: | 213628 |
| Species: | Human |
| Source: | HEK293 |
| Tag: | C-Avi;C-hFc |
| Accession: | P04234 (F22-A105)&P07766 (D23-D126) |
| Gene ID: | 915&916 |
| Molecular Weight: | 48-60 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 | Measured by its binding ability in a functional ELISA. When immobilized Biotinylated Human CD3E&CD3D, Fc Tag at 1 μg/mL (100 μl/Well) on streptavidin (5 μg/mL) precoated plate, can bind OKT3, mFc Tag and the EC ₅₀ is 14.1 ng/mL. | PASS |
| Appearance | Lyophilized powder. | |
| Reconstitution | It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ 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