



# Certificate of Analysis

## CD3E-CD3G Heterodimer Protein, Mouse (HEK293, Fc)

|                   |   |
|-------------------|---|
| Cat. No.:         | HY-P75414                                     |
| Batch No.:        | 283912  |
| Species:          | Mouse   |
| Source:           | HEK293  |
| Tag:              | C-hFc   |
| Accession:        | NP_031674.1 (D23-D108)&NP_033980.1 (Q23-S116) |
| Gene ID:          | 12501&12502                                   |
| Molecular Weight: | Approximately 38-40 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.   | PASS    |
| Biological Activity | Immobilized Human CD3E-CD3G at 2 μg/mL (100 μL/well) can bind Anti-CD3 Antibody. The ED <sub>50</sub> for this effect is 1.792 ng/mL.   | PASS    |
| 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. 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