



Certificate of Analysis

CD3 epsilon Protein, Rat (HEK293, Fc)

Cat. No.:	HY-P76788
Batch No.:	278646
Species:	Rat
Source:	HEK293
Tag:	C-hFc
Accession:	NP_001101610.1 (Y24-D103)
Gene ID:	315609
Molecular Weight:	Approximately 36.1 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 Rat CD3 epsilon at 1 μg/mL (100 μL/well) can bind anti-CD3. The ED50 for this effect is 3.715 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. 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