

Recombinant Cynomolgus CD3 epsilon/CD3E Protein

Catalog No.: RP02318 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Cynomolgus	102133065	Q95LI5-1

Tags

C-hFc

Synonyms

CD3;CD3-DELTA;T3D;CD3E; CD3E

Product Information

Source	Purification
HEK293 cells	> 95% by Tris-Bis PAGE

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

 | 400-999-6126

 | cn.market@abclonal.com.cn

 | www.abclonal.com.cn

Background

Basic Information

Description

Recombinant Cynomolgus CD3 Epsilon Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Gln22-Asp117) of Cynomolgus CD3 Epsilon fused with a hFc tag at the C-terminal.

Bio-Activity

Immobilized Cyno CD3 Epsilon,hFc Tag at 1 μg/mL (100 μL/Well). Dose response curve for Biotinylated Anti-CD3E Ab. with the EC₅₀ of 0.2 μg/mL determined by ELISA.

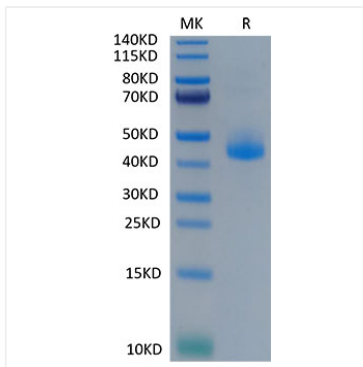
Storage

Store the lyophilized protein at -20°C to -80°C for long term.

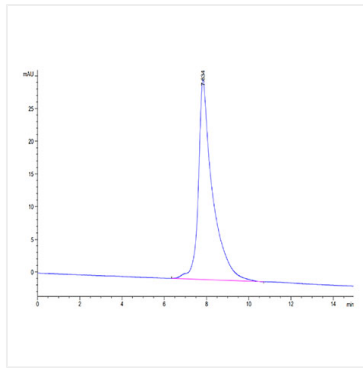
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

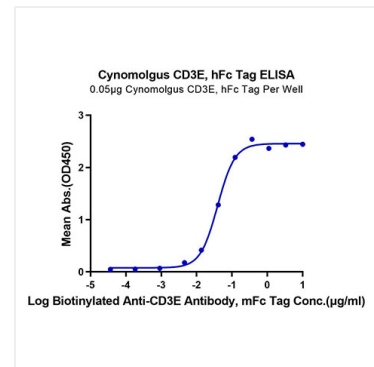
Validation Data



Cynomolgus CD3E on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



The purity of Cynomolgus CD3E is greater than 95% as determined by SEC-HPLC.



Immobilized Cynomolgus CD3E, hFc Tag at 0.5µg/ml (100µl/Well) on the plate. Dose response curve for Biotinylated Anti-CD3E Antibody, mFc Tag with the EC_{50} of 39.4ng/ml determined by ELISA.