

Recombinant Cynomolgus CD3 epsilon/CD3E Protein

Catalog No.: RP02318

Sequence Information

Species **Gene ID**
 Cynomolgus 102133065

Swiss Prot **Tags**
 Q95LI5-1 C-hFc

Synonyms
 CD3,CD3-DELTA,T3D,CD3E, CD3E

Product Information

Source **Purification**
 HEK293 cells ≥ 95 % as determined by Tris-Bis PAGE; ≥ 95 % as determined by HPLC.

Calculated MW **Observed MW**
 36.9 kDa 43-48 kDa

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.

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.

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.

Shipping

Lyophilized proteins are shipped at ambient temperature. Liquid proteins are shipped at frozen temperature with dry ice. Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

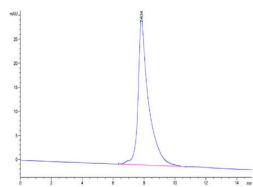
Contact

☎ | 400-999-6126

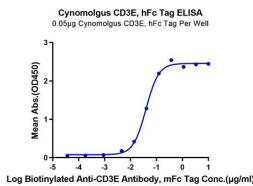
✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

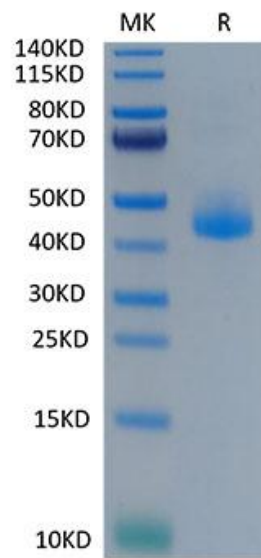
Validation Data



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



Immobilized Cynomolgus CD3E, hFc Tag at 0.5 $\mu\text{g/ml}$ (100 $\mu\text{l/Well}$) on the plate. Dose response curve for Biotinylated Anti-CD3E Antibody, mFc Tag with the EC₅₀ of 39.4 ng/ml determined by ELISA.



Recombinant Cynomolgus CD3 epsilon/CD3E Protein was determined by Tris-Bis PAGE under reducing conditions.