

Cynomolgus CD3 epsilon/CD3e Protein (ECD, Fc Tag), Endotoxin-Free

Catalog Number: 90857-C02H-UE



Sino Biological
Biological Solution Specialist

General Information

Gene Name Synonym:

Protein Construction:

A DNA sequence encoding the Cynomolgus CD3E (Q95LI5-1) (Met1-Asp117) was expressed with the Fc region of human IgG1 at the C-terminus.

Source: Cynomolgus

Expression Host: HEK293 Cells

QC Testing

Purity: ≥ 95 % as determined by SDS-PAGE. ≥ 95 % as determined by SEC-HPLC.

Bio Activity:

1. Immobilized Recombinant Cynomolgus CD3 epsilon/CD3e Protein (ECD, Fc Tag)(Cat: 90857-C02H-UE) at 2 µg/mL (100 µL/well) can bind biotinylated SP34, Human IgG1, the EC50 is 1-3 ng/mL (Routinely tested).

Endotoxin:

< 0.5 EU per mg protein.

Predicted N terminal: Gln 22

Molecular Mass:

The recombinant Cynomolgus CD3E consists of 334 amino acids and predicts a molecular mass of 37.56 kDa. As a result of glycosylation, it migrates as an approximately 39-48 kDa band in SDS-PAGE under reducing conditions.

Formulation:

Supplied as sterile PBS, pH 7.4.

Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

Usage Guide

Stability & Storage:

Samples are stable for twelve months from date of receipt at -20°C to -80°C.

Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:

