

Active Recombinant Cynomolgus CD3E, His-tagged, Biotinylated

Cat. No. CD3E-274C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Cynomolgus CD3E Protein(Gln 22 - Asp 117), fused with His tag, was produced in human 293 cells (HEK293).
Species	Cynomolgus
Source	HEK293
ProteinLength	Gln 22 - Asp 117
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilize Cynomolgus CD3 epsilon, His Tag at 2 µg/mL, add increasing concentrations of Bispecific T cell Engager (CD3 X BCMA), and then add Biotinylated Human BCMA, Fc,Avitag at 0.2 µg/mL. Detection is performed using HRP-conjugated streptavidin. Binding occurs at a linear range of 1-5 ng/mL.
Molecular Mass	The protein has a calculated MW of 16.1 kDa. As a result of glycosylation, the protein migrates as 18-23 kDa under reducing (R) condition, and 33-40 kDa under non-reducing (NR) condition (SDS-PAGE).
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

>90% as determined by SEC-MALS.

Storage

For long term storage, the product should be stored at lyophilized state at -20 centigrade or lower.

Please avoid repeated freeze-thaw cycles.

This product is stable after storage at:

-20 centigrade to -70 centigrade for 12 months in lyophilized state;

-70 centigrade for 3 months under sterile conditions after reconstitution.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

Conjugation

Biotin

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