

Recombinant Cynomolgus CD3E&CD3D protein, hFc-tagged, Biotinylated

Cat. No. CD3E & CD3D-203CB **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Cynomolgus CD3E&CD3D protein(Q95LI5.2(CD3E)&Q95LI8(CD3D))(Gln22-Asp117(CD3E) & Phe22-Ala105(CD3D)), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	Gln22-Asp117(CD3E) & Phe22-Ala105(CD3D)
Tag	C-hFc
Conjugation/Label	Biotin
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Anti-CD3 Antibody, hFc Tag at 2µg/ml (100 µl/well) on the plate. Dose response curve for Biotinylated Cynomolgus CD3E&CD3D, hFc Tag with the EC50 of 0.10µg/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 36.9 kDa (CD3E) and 35.4 kDa (CD3D). Due to glycosylation, the protein migrates to 58-62 kDa and 44-46 kDa based on Tris-Bis PAGE result.

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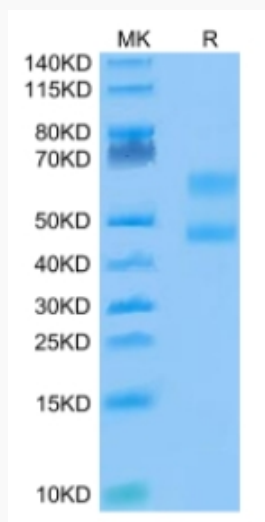
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Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Conjugation	Biotin

GENE INFORMATION

Official Symbol	CD3E
Official Symbol 2	CD3D

Tris-Bis PAGE

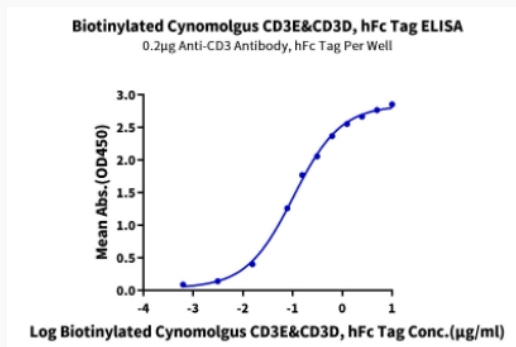


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ELISA Data



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