

Active Recombinant Cynomolgus CD3E&CD3G protein(Primary Amine Labeling), hFc-tagged, Biotinylated

Cat. No. CD3E & CD3G-3342C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Active Recombinant Cynomolgus CD3E&CD3G protein(Primary Amine Labeling)(Q95LI5.2(CD3E) & Q95LI7(CD3G))(Gln22-Asp117(CD3E) and Gln23-Thr113(CD3G)) is expressed from HEK293 with hFc (IgG1) tag at the C-Terminus.
Species	Cynomolgus
Source	HEK293
ProteinLength	22-117 aa(CD3E) & 23-113 aa(CD3G)
Conjugation/Label	Biotin
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Anti-CD3 Antibody, hFc Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Cynomolgus CD3E&CD3G, hFc Tag with the EC50 of 50.5ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 36.9 kDa (CD3E) and 36.5 kDa (CD3G). Due to glycosylation,the protein migrates to 44-46 kDa&46-48 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.

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Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Reconstitution	Dissolve the lyophilized protein in distilled water.

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