

Recombinant Cynomolgus CD3E&CD3G protein, hFc-tagged

Cat. No. CD3E & CD3G-3039C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus CD3E&CD3G protein(Q95LI5.2(CD3E)&Q95LI7(CD3G))(Gln22-Asp117(CD3E) & Gln23-Thr113(CD3G)), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	Gln22-Asp117(CD3E) & Gln23-Thr113(CD3G)
Tag	C-hFc
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Cynomolgus CD3E&CD3G, hFc Tag at 1µg/ml (100µl/Well). Dose response curve for Biotinylated Anti-CD3 Antibody, hFc Tag with EC50 of 85.5ng/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 Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.

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

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

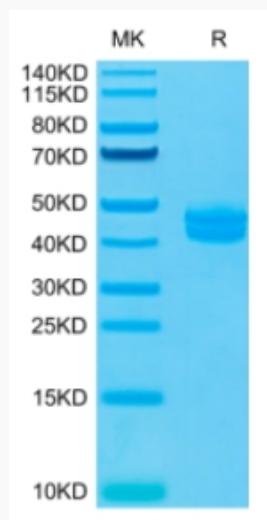
 45-1 Ramsey Road, Shirley, NY 11967, USA

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.

GENE INFORMATION

Official Symbol	CD3E
Official Symbol 2	CD3G

Tris-Bis PAGE

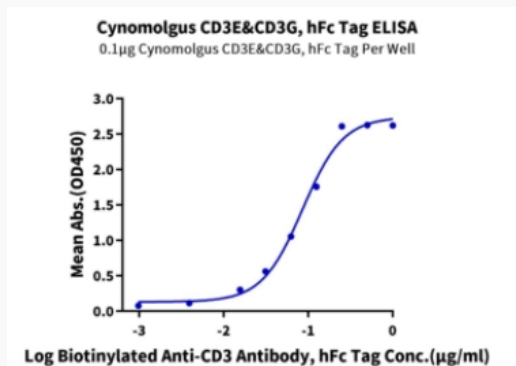


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ELISA Data



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