

Recombinant Cynomolgus CD3D & CD3E, His-Fc & Flag-Fc tagged

Cat. No. CD3E-306C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus CD3D & CD3E (Met1-Asp117 & Met1-Ala105), fused with A DNA sequence encoding the Cynomolgus (<i>Macaca fascicularis</i>) CD3E extracellular domain (Met 1-Asp 117) was fused with the C-terminal his-tagged Fc region of human IgG1 at the C-ter
Species	Cynomolgus
Source	Human Cells
ProteinLength	1-117;1-105 a.a.
Predicted N Terminal	Gln 22 & Phe 22
Form	Lyophilized from sterile PBS, pH 7.4 Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant heterodimer of cynomolgus CD3E&CD3D comprises 679 (346+333) amino acids and has a calculated molecular mass of 76.7 (39.1+ 37.6) KDa. The apparent molecular mass of cyno CD3E&CD3D heterodimer is approximately 52 & 43 KDa respectively in SD
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	(50.3+48.5) % as determined by SDS-PAGE

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Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

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