

Recombinant Rhesus CD3D & CD3E protein, Fc-Flag & Fc-His-tagged

Cat. No. CD3D & CD3E-596R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rhesus CD3D(F6WI60-1)(Met1-Ala105) was fused with the C-terminal flag-tagged Fc region of human IgG1 at the C-terminus, constructed the plasmid 1; Recombinant Rhesus CD3E (XP_014971302.1) (Met1-Asp117) with the C-terminal his-tagged Fc region of human IgG1 at the C-terminus, constructed the plasmid 2.
Species	Rhesus macaque
Source	HEK293
ProteinLength	Met1-Ala105 & Met1-Asp117
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant heterodimer of Rhesus CD3D&CD3E comprises 679 (333+346) amino acids and has a calculated molecular mass of 76.63 (37.58+ 39.05) KDa. The apparent molecular mass of rhesus CD3D&CD3E heterodimer is approximately (51.18 & 43.36) KDa respectively in SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE

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Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended to reconstitute the lyophilized powder in sterile water to 100-200 ug/ml, and further dilute with other solvents. The dissolved protein can be stored at 4°C for 2-7 days and should be used up as soon as possible. If not in use for a short time, please store at -20°C.

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