

# Recombinant Canine CD3E & CD3D protein, His-tagged, HRP Labeled

**Cat. No.** CD3E & CD3D-1850C    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Canine CD3E & CD3D protein(Gln 22 - Leu 122 & Phe 22 - Thr 103), fused with His tag, was expressed in HEK293.
<b>Species</b>	Canine
<b>Source</b>	HEK293
<b>ProteinLength</b>	Gln 22 - Leu 122 & Phe 22 - Thr 103
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
<b>Molecular Mass</b>	It has a calculated MW of 16.6 kDa (CD3E) and 13.3 kDa (CD3D). Subunit CD3E is fused with a polyhistidine tag at the C-terminus and subunit CD3D contains no tag. As a result of glycosylation, the heterodimer protein migrates as 19-20 kDa (CD3E) under reducing (R) condition, and 36-45 kDa (CD3D) under non-reducing (NR) condition (SDS-PAGE).
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>90% as determined by SDS-PAGE. >90% as determined by SEC-MALS.
<b>Storage</b>	For long term storage, the product should be stored at lyophilized state at -20°C or lower.

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Please avoid repeated freeze-thaw cycles.

This product is stable after storage at:

-20°C to -70°C for 12 months in lyophilized state;

-70°C for 3 months under sterile conditions after reconstitution.

#### Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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