

Recombinant Canine CD3E & CD3D protein, His-tagged

Cat. No. CD3E & CD3D-2960C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Canine CD3E&CD3D protein(Gln 22-Leu 122 (CD3E) & Phe 22-Thr 103 (CD3D)), fused with His tag, was expressed in HEK293.
Species	Canine
Source	HEK293
ProteinLength	Gln 22-Leu 122 (CD3E) & Phe 22-Thr 103 (CD3D)
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Molecular Mass	Canine CD3E & CD3D Heterodimer Protein, His Tag&Tag Free is produced by co-expression of CD3E and CD3D, 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).
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE. >90% as determined by SEC-MALS.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower. 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

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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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