

## Active Recombinant Human CD3E&CD3D protein, His-Fc&Flag-Fc-tagged

**Cat. No.** CD3E&CD3D-2232H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CD3E&CD3D protein(P04234-1 & P07766-1)(Met1-Ala105 & Met1-Asp126), fused with His-Fc&Flag-Fc tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Ala105 & Met1-Asp126
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bio-activity</b>	Measured by its ability to bind OKT3-mIgG2a in a functional ELISA.
<b>Molecular Mass</b>	The recombinant heterodimer of human CD3D/CD3E consists of 687 (334+353) amino acids and predicts a molecular mass of 77.5 (37.7+39.8) kDa. It migrates as an approximately 44-54 KDa band in SDS-PAGE under reducing conditions due to glycosylation.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 90 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C

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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 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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