

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

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

SPECIFICATION

Product Overview	Recombinant Human CD3E&CD3D protein(P04234-1 & P07766-1)(Met1-Ala105 & Met1-Asp126), fused with His-Fc&Flag-Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Ala105 & Met1-Asp126
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its ability to bind OKT3-mIgG2a in a functional ELISA.
Molecular Mass	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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE
Storage	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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