

Recombinant Human CD3E & CD3G protein(Met1-Asp126 & Met1-Ser113), LFc-tagged

Cat. No. CD3E & CD3G-3256H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD3E (NP_000724.1) (Met1-Asp126) was expressed in HEK293, fused with the Fc region of Llama IgG2b at the C-terminus, constructed the plasmid 1; Recombinant Human CD3G (NP_000064.1) (Met1-Ser113) was fused with the Fc region of Llama IgG2b at the C-terminus, constructed the plasmid 2. The two plasmids were co-expressed and the Human CD3E/CD3G heterodimer was purified.
Species	Human
Source	HEK293
ProteinLength	Met1-Asp126 & Met1-Ser113
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 human CD3E/CD3G consists of 696 (353+343) amino acids and has a calculated molecular mass of 78.4 (39.7+38.7) KDa.
Endotoxin	< 0.01 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. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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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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