

## Recombinant Mouse CD3E & CD3G protein(Met1-Asp108 & Met1-Ser116), hFc&His&hFc-tagged

**Cat. No.** CD3E & CD3G-3257M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant extracellular domain (Met1-Asp108) of Mouse CD3E (NP_031674.1) was expressed in HEK293, fused with the C-terminal polyhistidine tagged Fc region of Human IgG1 at the C-terminus, constructed the plasmid 1; Recombinant extracellular domain (Met1-Ser116) of Mouse CD3G (NP_033980.1) was fused with the Fc region of Human IgG1 at the C-terminus, constructed the plasmid 2. The two plasmids were co-expressed and the Mouse CD3E/CD3G heterodimer was purified.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Asp108 & Met1-Ser116
<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>Molecular Mass</b>	The recombinant heterodimer of mouse CD3E/CD3G comprises 671 (336+335) amino acids and has a calculated molecular mass of 75.4 (38.1+37.3) KDa.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	95.1 % 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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