

## 32-18499: Cynomolgus CD3D and CD3E Heterodimer Protein, His Tag and hFc Tag

**Uniprot ID :** Q95LI8 and Q95LI5  
**Alternative Name :** CD3-DELTA; IMD19; T3D and IMD18; T3E; TCRE

### Description

**Description :** Recombinant Cynomolgus CD3D Protein with C-terminal 10 $\text{Å}$ —His tag and Cynomolgus CD3E Protein with C-terminal human Fc tag

**Background :** T-cell surface glycoprotein CD3 delta and CD3 epsilon chain, also known as CD3D and CD3E or CD3D and CD3E respectively, are single-pass type I membrane proteins. CD3D, together with CD3-epsilon (CD3E), CD3-gamma and CD3-zeta, and the T-cell receptor alpha/beta and gamma/delta heterodimers, forms the T cell receptor-CD3 complex. T cell receptor-CD3 complex plays an important role in coupling antigen recognition to several intracellular signal-transduction pathways.

**Molecular Characterization:** mass of 10.9 and 37.0 kDa after removal of the signal peptide.

**Tag :** C-10 $\text{Å}$ —His tag and C-Human Fc tag

### Product Info

**Amount :** 50  $\mu\text{g}$  / 100  $\mu\text{g}$

**Purification :** The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

**Content :** Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization.

**Storage condition :** Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

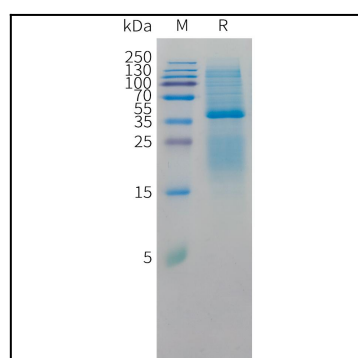


Figure 1. Cynomolgus CD3D and CD3E Heterodimer Protein, His Tag and hFc Tag on SDS-PAGE under reducing condition.