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32-18260: Human CD3D Protein, His Tag and Human CD3E Protein, hFc Tag

Uniprot ID : P04234;P07766
Alternative Name : CD3-DELTA;IMD19;T3D and IMD18;T3E;TCRE

Description

Description : Recombinant Human CD3D Protein with C-terminal 6×His tag and Human 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 CD3DandCD3E 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 10.4 and 37.9 kDa after removal of the signal peptide. The apparent molecular mass of CD3D-His and CD3E-hFc is approximately 35-55 kDa due to glycosylation.
Tag :C-6×His Tag and C-Human Fc Tag

Product Info

Amount :	50 μg / 100 μg
Purification :	The purity of the protein is greater than 95% 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.

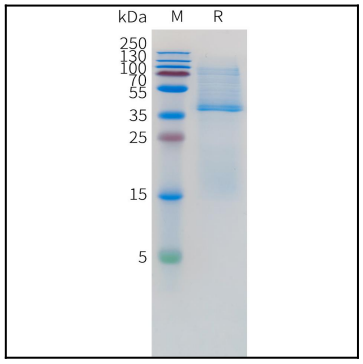


Figure 1. Human CD3D and CD3E Heterodimer Protein, His Tag and hFc Tag on SDS-PAGE under reducing condition.

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