Product Name: Recombinant Cynomolgus CD3D&CD3E Heterodimer (C-Fc-Flag&C-Fc-6His)
Catalog #: PHV2302

Summary

Name	CD3D&CD3E Heterodimer
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Cynomolgus monkey CD3D&CD3E Heterodimer is produced by our Mammalian expression system and the target gene encoding Phe22-Ala105&Gln22-Asp117 is expressed with a human IgG1 Fc-Flag, human IgG1 Fc-6His tag at the C-terminus.
Accession #	Q95LI8&Q95LI5
Host	Human Cells
Species	Cynomolgus
Predicted Molecular Mass	3738.3 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

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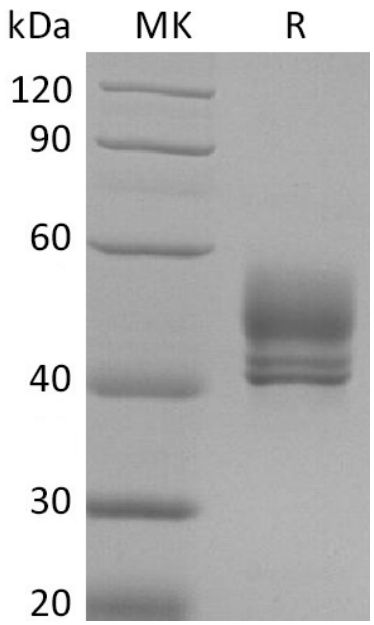

Alternative Names

CD3E & CD3D; CD3 delta & CD3 epsilon; CD3 delta / epsilon

Background

T-cell surface glycoprotein CD3D & CD3E, also known as CD3 delta & CD3 epsilon chain, 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.

Note

For Research Use Only , Not for Diagnostic Use.