

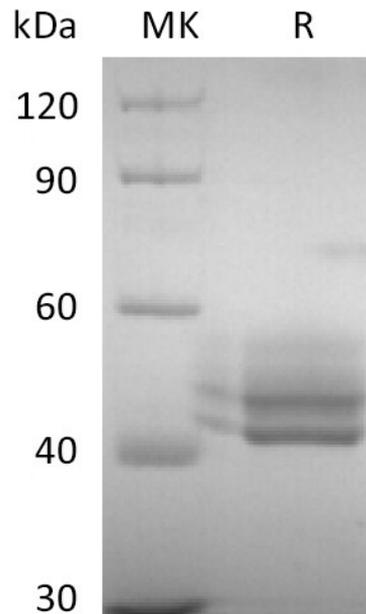
Product Name: Recombinant Human CD3E&CD3G Heterodimer (C-Fc-6His&C-Fc-Flag)
Catalog #: PHH2282

Summary

Name	CD3E&CD3G Heterodimer
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/ μ g as determined by LAL test.
Construction	Recombinant Human CD3E&CD3G is produced by our Mammalian expression system and the target gene encoding Asp23-Asp126&Gln23-Ser116 is expressed with a human IgG1 Fc-6His, human IgG1 Fc-Flag tag at the C-terminus.
Accession #	P07766&P09693
Host	Human Cells
Species	Human
Predicted Molecular Mass	39.2&38.1 KDa
Formulation	Lyophilized from a 0.2 μ m 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	Lyophilized protein should be stored at $\leq -20^{\circ}\text{C}$, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8 $^{\circ}\text{C}$ for 2-7 days. Aliquots of reconstituted samples are stable at $\leq -20^{\circ}\text{C}$ for 3 months.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μ g/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

Product Name: Recombinant Human CD3E&CD3G Heterodimer (C-terminus His8, C-terminus Flag)
Catalog #: PHH2282



Alternative Names

CD3 epsilon & CD3 gamma; CD3E & CD3G; CD3E & CD3G Heterodimer; IMD18; T3E; TCRE

Background

T-cell surface glycoprotein CD3 epsilon & CD3 gamma chain, also known as CD3E & CD3G, 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.