

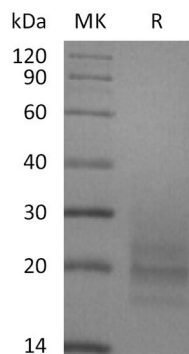
**Product Name: Recombinant Human CD3D&CD3E Heterodimer C-6His**  
**Catalog #: PHH2158**

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## Summary

<b>Name</b>	CD3D&CD3E Heterodimer
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE
<b>Endotoxin level</b>	<1 EU/μg as determined by LAL test.
<b>Construction</b>	Recombinant Human CD3D&CD3E is produced by our Mammalian expression system and the target gene encoding Phe22-Ala105&Asp23-Asp126 is expressed with a 6His tag at the C-terminus.
<b>Accession #</b>	P04234&P07766
<b>Host</b>	Human Cells
<b>Species</b>	Human
<b>Predicted Molecular Mass</b>	10.6&12.8 KDa
<b>Formulation</b>	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
<b>Stability&amp;Storage</b>	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.
<b>Reconstitution</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/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 100 μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## SDS-PAGE image



## Background

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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.