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## Product Datasheet

### Human CD3 epsilon&CD3 delta Heterodimer Protein (orb762434)

**Description**

Human CD3E&amp;CD3D Heterodimer

293 cells (HEK293). It contains AA Asp 2...

**Reactivity**

Human

**Endotoxins**

1.0 EU per µg

**Conjugation**

Unconjugated

**Target**

CD3E &amp; CD3D

**Preservatives**

PBS, pH7.4

**Form/Appearance**

Powder

**Storage**

-20°C

**Tag**

C-Fc &amp; C-10×His | C-Fc &amp; C-Flag

**Note**

For research use only

**Application notes**

Human CD3E&CD3D Heterodimer Protein is produced by co-expression of CD3E and CD3D, has a calculated MW of 40.2 kDa (CD3E) and 37.3 kDa (CD3D). Subunit CD3E is fused with a human IgG1 Fc tag and a polyhistidine tag at the C-terminus and subunit CD3D is fused with a human IgG1 Fc tag and a flag tag at the C-terminus. As a result of glycosylation, the heterodimer protein migrates as 45-60 kDa under reducing (R) condition, and 100-116 kDa under non-reducing (NR) condition (SDS-PAGE).

**Protein Sequence**

Asp 23 - Asp 126 (CD3E) &amp; Phe 22 - Ala 105 (CD3D)

**Purity**

95%

**Source**

Human CD3E&CD3D Heterodimer Protein (orb762434) is expressed from human 293 cells (HEK293). It contains AA Asp 23 - Asp 126 (CD3E) & Phe 22 - Ala 105 (CD3D) (Accession # P07766-1 (CD3E) & P04234-1 (CD3D)).

**MW**

40.2 kDa | 37.3 kDa

**Uniprot ID**
[P07766](#), [P04234](#)