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## Product Datasheet

**Human CD3 epsilon&CD3 gamma Heterodimer  
Protein Tag (orb762448)**

**Description**

Human CD3E&amp;CD3G Heterodimer

expressed from human 293 cells (HEK293). It co...

**Reactivity**

Human

**Endotoxins**

1.0 EU per µg

**Conjugation**

Unconjugated

**Target**

CD3E &amp; CD3G

**Preservatives**

PBS, pH7.4

**Form/Appearance**

Powder

**Storage**

-20°C

**Tag**

C-Fc | C-Fc

**Note**

For research use only

**Application notes**

Human CD3E&CD3G Heterodimer Protein, Fc Tag&Fc Tag is produced by co-expression of CD3E and CD3G, has a calculated MW of 38.3 kDa (CD3E) and 36.9 kDa (CD3G). Subunit CD3E is fused with a human IgG1 Fc tag at the C-terminus and subunit CD3G is fused with a human IgG1 Fc tag at the C-terminus. As a result of glycosylation, the protein migrates as 43-55 kDa under reducing (R) condition, and 90-110 kDa under non-reducing (NR) condition (SDS-PAGE).

**Protein Sequence**

NP\_000724.1 (CD3E) &amp; AAI13831 (CD3G)

**Purity**

95%

**Source**

Human CD3E&CD3G Heterodimer Protein, Fc Tag&Fc Tag (orb762448) is expressed from human 293 cells (HEK293). It contains AA Asp 23 - Asp 126 (CD3E) & Gln 23 - Ser 116 (CD3G) (Accession # NP\_000724.1 (CD3E) & AAI13831 (CD3G)).

**MW**

38.3 kDa (CD3E) &amp; 36.9 (CD3G)

**NCBI**
[AAI13831](#), [NP 000724.1](#), [CD3](#)