

## Product Datasheet

### Human CD3 epsilon Protein (orb348813)

**Description**

T-cell surface glycoprotein CD3 delta &amp; CD3 gamma

| kDa   | M | R |
|-------|---|---|
| 116.0 |   |   |

**Reactivity** resp...

**Endotoxins** Human

**Conjugation** 1.0 EU per µg

**Target** Unconjugated

**Preservatives** CD3E & CD3G

**Form/Appearance** PBS, pH7.4

**Storage** Powder

**Tag** -20°C

**Note** C-Fc & C-6×His | C-Fc & C-Flag

**Application notes** For research use only

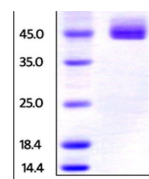
Human CD3E&CD3G Heterodimer Protein, Fc,His Tag&Fc,Flag Tag is produced by co-expression of CD3E and CD3G, has a calculated MW of 39.2 kDa (CD3E) and 38.6 kDa (CD3G). Subunit CD3E is fused with a human IgG1 Fc tag at the C-terminus, followed by a polyhistidine tag, and subunit CD3G is fused with a human IgG1 Fc tag at the C-terminus, followed by a Flag tag. The predicted N-terminus is Asp 23 (CD3E) & Gln 23 (CD3G). The reducing (R) heterodimer protein migrates as 40-50 kDa due to glycosylation.

**Protein Sequence** NP\_000724.1 (CD3E) & AAI13831.1 (CD3G)

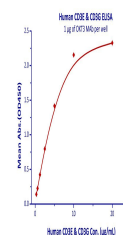
**Purity** 95%

**Source** Human CD3E&CD3G Heterodimer Protein, Fc,His Tag&Fc,Flag Tag (orb348813) is expressed from human 293 cells (HEK293). It contains AA Asp 23 - Asp 126 (CD3E) & Gln 23 - Ser 116 (CD3G) (Accession # P07766-1 (CD3E) & P09693-1 (CD3G)).

**MW** 39.2 kDa (CD3E) & 38.6 kDa (CD3G)

**NCBI** [NP\\_000724.1](#), [CD3](#), [AAI13831.1](#)
**Expiration Date** 6 months from date of receipt.


SDS-PAGE analysis of Human CD3 epsilon & gamma



Immobilized OKT3 MAb at 10ug/mL (100 uL/...)