



Recombinant Protein Technical Manual

Recombinant Human CD3D & CD3E Heterodimer Protein (Active)
RPES2817

Product Data:

Product SKU: RPES2817

Size: 20µg

Species: Human

Expression host: HEK293 Cells

Uniprot: P04234&P07766

Protein Information:

Molecular Mass: 77.5 (37.5+40) kDa

AP Molecular Mass: 45-50 kDa

Tag:

Bio-activity: Measured by its binding ability in a functional ELISA. Immobilized human CD3D & CD3E Heterodimer Protein at 10 µg/ml (100 µl/well) can bind OKT3-mIgG2a. The EC50 of OKT3-mIgG2a is 0.07-0.17 µg/ml.

Purity: > 90 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg of the protein as determined by the LAL method.

Storage: Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Formulation: Lyophilized from sterile PBS, pH 7.4

Reconstitution: Please refer to the printed manual for detailed information.

Application: Functional ELISA

Synonyms: T-Cell Surface Glycoprotein CD3 Delta Chain; T-Cell Receptor T3 Delta Chain; CD3d; CD3D; T3D

Immunogen Information:

Sequence: Met 1-Ala105&Met 1-Asp126

Background: