Recombinant Human CD3E protein, hFc-tagged

Cat. No. CD3E-675H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD3E protein(NP_000724.1)(Met1-Asp126), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Asp126
Form	Lyophilized from sterile PBS, pH 7.4.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Bio-activity	Immobilized Recombinant Human CD3e / CD3 epsilon Protein (Fc Tag) at 2 μg/mL (100 μL/well) can bind biotinylated SP34, Human IgG1, the EC50 is 1.1-3.3 ng/mL.
Molecular Mass	It predicts a molecular mass of 38.5 kDa.
Endotoxin	< 1.0 EU per μg protein as determined by the LAL method.
Purity	≥ 90 % as determined by SDS-PAGE. ≥ 95 % as determined by SEC-HPLC.

GENE INFORMATION

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Official Symbol	CD3E
Synonyms	CD3E; CD3e molecule, epsilon (CD3-TCR complex); CD3e antigen, epsilon polypeptide (TiT3 complex); T-cell surface glycoprotein CD3 epsilon chain; CD3-epsilon; T-cell surface antigen T3/Leu-4 epsilon chain; T-cell antigen receptor complex, epsilon subunit of T3; T3E; TCRE; FLJ18683;
Gene ID	916
mRNA Refseq	NM_000733
Protein Refseq	NP_000724
UniProt ID	P07766

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