

Recombinant Human CD3E protein(C119S, C122S), hFc-tagged

Cat. No. CD3E-674H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD3E protein(C119S, C122S)(NP_000724.1)(Asp23-Asp126), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Asp23-Asp126 (C119S, C122S)
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4).
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Bio-activity	Immobilized Human CD3E, hFc Tag at 2 µg/ml (100 µl/Well) on the plate. Dose response curve for Biotinylated Anti-CD3 Antibody, hFc Tag with the EC50 of 58.3ng/ml determined by ELISA.
Molecular Mass	It has a predicted MW of 36.1 kDa. Due to glycosylation, the protein migrates to 35-55 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	>95% as determined by Bis-Tris PAGE

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GENE INFORMATION

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;

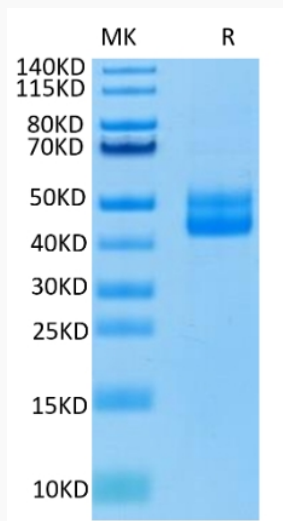
Gene ID [916](#)

mRNA Refseq [NM_000733](#)

Protein Refseq [NP_000724](#)

UniProt ID [P07766](#)

Bis-Tris PAGE



ELISA

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