

## Recombinant Human CD3E protein, His-Fc-tagged

Cat. No. CD3E-8541H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CD3E protein(Met 1-Asp126) was expressed in HEK293, fused with the C-terminal polyhistidine-tagged Fc region of human IgG1 at the C-terminus.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-126 aa
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4.
<b>Molecular Mass</b>	The secreted recombinant human CD3E is a disulfide-linked homodimeric protein. The reduced monomer comprises 355 amino acids and has a predicted molecular mass of 40 kDa. As a result of glycosylation, it migrates as an approximately 44-53 and 38 kDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	(84.6+14.1) % as determined by SDS-PAGE
<b>Storage</b>	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**protein Refseq-Weblink** [http://www.ncbi.nlm.nih.gov/protein/NP\\_000724.1](http://www.ncbi.nlm.nih.gov/protein/NP_000724.1)

**Unit ID** P07766

**Unit ID-Weblink** <http://www.uniprot.org/uniprot/P07766>

## GENE INFORMATION

**Gene Name** [CD3E CD3e molecule, epsilon \(CD3-TCR complex\) \[ Homo sapiens \]](#)

**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](#)

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