

Recombinant Human CD3E protein, His-Fc-tagged

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	HEK293
ProteinLength	1-126 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	(84.6+14.1) % as determined by SDS-PAGE
Storage	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.
Reconstitution	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

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

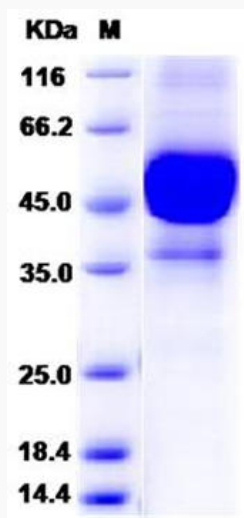
NP_000724

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SDS-PAGE



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