

# Recombinant Human CD3E protein, His-tagged, Biotinylated, Primary Amine Labeling

**Cat. No.** CD3E-275H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Biotinylated Primary Amine Labeling Recombinant Human CD3E protein(P07766)(Asp23-Asp126) is expressed from HEK293 with His tag at the C-Terminus.   |
| <b>Species</b>          | Human   |
| <b>Source</b>           | HEK293  |
| <b>ProteinLength</b>    | Asp23-Asp126  |
| <b>Form</b>             | Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).  |
| <b>Storage</b>          | -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. |
| <b>Bio-activity</b>     | Immobilized Anti-CD3 Antibody, hFc Tag at 1µg/ml (100µl/Well) on the plate. Dose response curve for Biotinylated Human CD3E, His Tag with the EC50 of 1.0ng/ml determined by ELISA.                                     |
| <b>Molecular Mass</b>   | It has a predicted MW of 12.6 kDa. Due to glycosylation, the protein migrates to 14-18 kDa based on Bis-Tris PAGE result.   |
| <b>Endotoxin</b>        | Less than 1EU per µg by the LAL method.   |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Purity** > 95% as determined by Bis-Tris PAGE

**Conjugation** Biotin

## 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](#)

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