

## Recombinant Human CD3E(Gln22-Thr48) Protein, C-mFc-tagged

**Cat. No.** CD3E-577H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CD3E(P07766)(Gln22-Thr48) Protein, fused with a mFc tag at the C-terminus, was produced in HEK293.                                                                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                                                           |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | 22-48 a.a.                                                                                                                                                                                                                                      |
| <b>Form</b>             | Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.                                                                                                                                                                                     |
| <b>Molecular Mass</b>   | The recombinant Human CD3E Protein has a predicted molecular mass of 28.5kDa , it migrates with an apparent molecular mass of 32-40kDa under reducing conditions                                                                                |
| <b>AA Sequence</b>      | Gln22-Thr48                                                                                                                                                                                                                                     |
| <b>Endotoxin</b>        | < 0.01 EU per µg of the protein as determined by the LAL method.                                                                                                                                                                                |
| <b>Purity</b>           | Greater than 95% as determined by reducing SDS-PAGE.                                                                                                                                                                                            |
| <b>Storage</b>          | 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. |

 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

**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.

**Shipping** In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature.  
Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

## 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

**UniProt ID** P07766

 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