

## Recombinant Rhesus CD3E Protein, Fc-tagged

Cat. No. CD3E-1184R Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant rhesus CD3E (XP_001097204.1) CD3E extracellular domain (Met 1-Asp 117) was fused with the Fc region of human IgG1 at the C-terminus.
<b>Species</b>	Rhesus macaque
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-117 a.a.
<b>Predicted N Terminal</b>	Gln 22
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
<b>Molecular Mass</b>	The recombinant rhesus CD3E consists of 337 amino acids and has a calculated molecular mass of 38 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	>96 % as determined by SDS-PAGE.
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70°C.
<b>Storage</b>	Store it under sterile conditions at -20°C~-70°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 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** CD3E CD3e molecule, epsilon (CD3-TCR complex) [ *Macaca mulatta* ]

**Official Symbol** CD3E

**Synonyms** T-cell surface glycoprotein CD3 epsilon chain

**Gene ID** 699467

**mRNA Refseq**

**Protein Refseq**

**MIM**

**UniProt ID**

**Chromosome Location** chromosome: 14

**Pathway** Chagas disease (American trypanosomiasis), organism-specific biosystem; Hematopoietic cell lineage, organism-specific biosystem; Primary immunodeficiency, conserved biosystem

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