

Recombinant Rhesus CD3E Protein, Fc-tagged

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

SPECIFICATION

Product Overview	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.
Species	Rhesus macaque
Source	HEK293
ProteinLength	1-117 a.a.
Predicted N Terminal	Gln 22
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant rhesus CD3E consists of 337 amino acids and has a calculated molecular mass of 38 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>96 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	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.

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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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