

Recombinant Rat CD3E & CD3D protein, IFC & IFC-tagged

Cat. No. CD3E & CD3D-2964R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat CD3E&CD3D protein(Gln 21-Asp 103 (CD3E) & Phe 22-Gly 106 (CD3D)), fused with IFC and IFC tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	Gln 21-Asp 103 (CD3E) & Phe 22-Gly 106 (CD3D)
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Molecular Mass	Rat CD3E&CD3D Heterodimer Protein, Llama Fc Tag&Llama Fc Tag is produced by co-expression of CD3E and CD3D, has a calculated MW of 40.8 kDa (CD3E) and 40.9 kDa (CD3D). Subunit CD3E is fused with a llama IgG2b Fc tag at the C-terminus and subunit CD3D is fused with a llama IgG2b Fc tag at the C-terminus. The reducing (R) protein migrates as 55-60 kDa due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile

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conditions after reconstitution.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name Cd3e CD3 molecule, epsilon [Rattus norvegicus]

Official Symbol CD3E

Synonyms CD3E; CD3 molecule, epsilon; T-cell surface glycoprotein CD3 epsilon chain; CD3 antigen, epsilon polypeptide; CD3 molecule, epsilon polypeptide;

Gene ID 315609

mRNA Refseq NM_001108140

Protein Refseq NP_001101610

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