

Recombinant Rabbit CD3E & CD3D protein

Cat. No. CD3E & CD3D-2965R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rabbit CD3E&CD3D protein(Gln 22-Thr 120 (CD3E) & Thr 22-Ser 107 (CD3D)) was expressed in HEK293.
Species	Rabbit
Source	HEK293
ProteinLength	Gln 22-Thr 120 (CD3E) & Thr 22-Ser 107 (CD3D)
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Molecular Mass	Rabbit CD3E&CD3D Heterodimer Protein, Llama Fc&Llama Fc is produced by co-expression of CD3E and CD3D, has a calculated MW of 42.4 kDa (CD3E) and 40.8 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 50 kDa and 60 kDa due to glycosylation.
Endotoxin	Less than 0.01 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

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

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 CD3e molecule, epsilon (CD3-TCR complex) [<i>Oryctolagus cuniculus</i>]
Official Symbol	CD3E
Synonyms	CD3E; CD3e molecule, epsilon (CD3-TCR complex); T-cell surface glycoprotein CD3 epsilon chain; CD3 epsilon;
Gene ID	100008616
mRNA Refseq	NM_001082001
Protein Refseq	NP_001075470

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