

Recombinant Rabbit CD3E & CD3G protein, His-Avi&Flag-tagged, Biotinylated

Cat. No. CD3E & CD3G-3031R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Rabbit CD3E&CD3G protein(Gln 22-Thr 120), fused with His-Avi and Flag tag, was expressed in HEK293.
Species	Rabbit
Source	HEK293
ProteinLength	Gln 22-Thr 120
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Molecular Mass	Biotinylated Rabbit CD3E&CD3G Heterodimer Protein, His,AviTag&Flag Tag is produced by co-expression of CD3E and CD3G, has a calculated MW of 18.2 kDa (CD3E) and 15.0 kDa (CD3G). Subunit CD3E carries a polyhistidine tag at the C-terminus, followed by an Avi tag and subunit CD3G is fused with a flag tag at the C-terminus. As a result of glycosylation, the protein migrates as 18 kDa, 21 kDa and 23 kDa under reducing (R) condition, and 36 kDa and 40-43 kDa under non-reducing (NR) condition (SDS-PAGE).
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.

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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 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.
Conjugation	Biotin
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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