Recombinant Canine CD3E Protein, Fc-tagged

Cat. No. CD3E-1055C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant canine CD3E (NP_001003379.1) (Met1-Leu122) was expressed with the Fc region of human IgG1 at the C-terminus.
Species	Canine
Source	HEK293
ProteinLength	1-122 a.a.
Predicted N Terminal	Gln 22
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant canine CD3E consists 339 amino acids and predicts a molecular mass of 38.2 kDa.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	>85 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70ºC.
Storage	Store it under sterile conditions at -20ºC~-70ºC. 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 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℃ before opening to recover the entire contents.

GENE INFORMATION

Gene Name	CD3E CD3e molecule, epsilon (CD3-TCR complex) [Canis lupus familiaris]
Official Symbol	CD3E
Synonyms	CD3 epsilon; CD3E antigen, epsilon polypeptide (TiT3 complex)
Gene ID	442981
mRNA Refseq	NM_001003379
Protein Refseq	NP_001003379
MIM	
UniProt ID	P27597
Chromosome Location	chromosome: 5
Pathway	Chagas disease (American trypanosomiasis), organism-specific biosystem; HTLV-I infection, conserved biosystem; Measles, organism-specific biosystem
Function	SH3 domain binding; protein heterodimerization activity; transmembrane signaling receptor activity

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