

Recombinant Canine CD3D Protein, Fc-tagged

Cat. No. CD3D-1056C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant canine CD3D (XP_536556.1) (Met1-Thr103) was expressed with the Fc region of human IgG1 at the C-terminus.
Species	Canine
Source	HEK293
ProteinLength	1-103 a.a.
Predicted N Terminal	Phe 22
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant canine CD3D consists 320 amino acids and predicts a molecular mass of 36.2 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>95 % 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 CD3D CD3d molecule, delta (CD3-TCR complex) [*Canis lupus familiaris*]

Official Symbol CD3D

Synonyms T-cell surface glycoprotein CD3 delta chain

Gene ID 479419

mRNA Refseq

Protein Refseq

MIM

UniProt ID

Chromosome Location chromosome: 5

Pathway Chagas disease (American trypanosomiasis), organism-specific biosystem; Hematopoietic cell lineage, organism-specific biosystem; Measles, conserved biosystem

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