

# Recombinant Canine CD3D Protein, Fc-tagged

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

## SPECIFICATION

|                             |                                                                                                                                                           |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant canine CD3D (XP_536556.1) (Met1-Thr103) was expressed with the Fc region of human IgG1 at the C-terminus.                                     |
| <b>Species</b>              | Canine                                                                                                                                                    |
| <b>Source</b>               | HEK293                                                                                                                                                    |
| <b>ProteinLength</b>        | 1-103 a.a.                                                                                                                                                |
| <b>Predicted N Terminal</b> | Phe 22                                                                                                                                                    |
| <b>Form</b>                 | Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.                                                                                       |
| <b>Molecular Mass</b>       | The recombinant canine CD3D consists 320 amino acids and predicts a molecular mass of 36.2 kDa.                                                           |
| <b>Endotoxin</b>            | < 1.0 EU per µg of the protein as determined by the LAL method.                                                                                           |
| <b>Purity</b>               | >95 % as determined by SDS-PAGE.                                                                                                                          |
| <b>Stability</b>            | Samples are stable for up to twelve months from date of receipt at -70°C.                                                                                 |
| <b>Storage</b>              | 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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