

Recombinant Canine CTLA4 Protein, Fc-tagged

Cat. No. CTLA4-1060C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant canine CD152 (NP_001003106.1) (Met1-Asp161) was expressed with the Fc region of human IgG1 at the C-terminus.
Species	Canine
Source	HEK293
ProteinLength	1-161 a.a.
Predicted N Terminal	Lys 36
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant canine CD152 consists 364 amino acids and predicts a molecular mass of 40.1 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>90 % 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 CTLA4 cytotoxic T-lymphocyte-associated protein 4 [*Canis lupus familiaris*]

Official Symbol CTLA4

Synonyms CD152; CTLA-4; costimulatory molecule B7 receptor CD152; cytotoxic T-lymphocyte-associated antigen 4

Gene ID 403696

mRNA Refseq NM_001003106

Protein Refseq NP_001003106

MIM

UniProt ID

Chromosome Location chromosome: 37

Pathway Adaptive Immune System, organism-specific biosystem; Cell adhesion molecules (CAMs), organism-specific biosystem; Rheumatoid arthritis, conserved biosystem

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