Recombinant Canine CTLA4 Protein, Fc-tagged, Alexa Fluor 488 conjugated

Cat. No. CTLA4-1060CAF488 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 488 conjugated recombinant canine CD152 (NP_001003106.1) (Met1-Asp161) was expressed with the Fc region of human IgG1 at the C-terminus.
Species	Dog
Source	HEK293
ProteinLength	364
Form	Lyophilized
Molecular Mass	40.1 kDa
N-terminal Sequence Analysis	Lys 36
Endotoxin	< 1.0 EU/ μg of the protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 488 via amines Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm

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Stability	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
Storage	Store it under sterile conditions at -20 to-70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Lyophilized from sterile PBS, pH 7.4, 5%-8% trehalose and mannitol.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 μg/μL. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
Conjugation	Alexa Fluor 488

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

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