

Recombinant Canine CD2, Fc-tagged

Cat. No. CD2-163C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding the canine CD2 (XP_849219.1) (Met1-Gly204) was expressed with the Fc region of human IgG1 at the C-terminus.
Species	Canine
Source	Human Cells
ProteinLength	Met1-Gly204
Form	Lyophilized from sterile PBS, pH7.4.
Molecular Mass	The recombinant canine CD2/Fc is a disulfide-linked homodimer. The reduced monomer comprises 421 amino acids and has a predicted molecular mass of 47.6 kDa. The apparent molecular mass of the protein is approximately 64.4 kDa in SDS-PAGE under reducing conditions.
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 -70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution Hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name CD2 CD2 molecule [*Canis lupus familiaris*]

Official Symbol CD2

Synonyms CD2; CD2 molecule; T-cell surface antigen CD2;

Gene ID 607448

Pathway Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem; Cell surface interactions at the vascular wall, organism-specific biosystem; Hematopoietic cell lineage, organism-specific biosystem; Hematopoietic cell lineage, conserved biosystem; Hemostasis, organism-specific biosystem;

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