

Recombinant Canine IL2RB, Fc-tagged

Cat. No. IL2RB-176C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding the extracellular domain of the canine IL2RB (XP_003431552.1) (Met1-Pro244) was expressed with the Fc region of human IgG1 at the C-terminus.
Species	Canine
Source	Human Cells
ProteinLength	Met1-Pro244
Form	Lyophilized from sterile PBS, pH7.4.
Molecular Mass	The recombinant canine IL2RB/Fc is a disulfide-linked homodimer. The reduced monomer comprises 461 amino acids and has a predicted molecular mass of 52.3 kDa. The apparent molecular mass of the protein is approximately 67 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>80 % 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 IL2RB interleukin 2 receptor, beta [*Canis lupus familiaris*]

Official Symbol IL2RB

Synonyms IL2RB; interleukin 2 receptor, beta; interleukin-2 receptor subunit beta; IL 2/15 receptor beta chain;

Gene ID 403439

mRNA Refseq NM_001197068

Pathway Cytokine Signaling in Immune system, organism-specific biosystem; IL-2 Signaling Pathway, organism-specific biosystem; Immune System, organism-specific biosystem; Interleukin receptor SHC signaling, organism-specific biosystem; Interleukin-2 signaling, organism-specific biosystem; Interleukin-3, 5 and GM-CSF signaling, organism-specific biosystem; Signaling by Interleukins, organism-specific biosystem;

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