

Recombinant Canine IL11RA Protein, Fc-tagged

Cat. No. IL11RA-1046C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant canine IL11RA (XP_538710.4) (Met1-Leu363) was expressed with the Fc region of human IgG1 at the C-terminus.
Species	Canine
Source	HEK293
ProteinLength	1-363 a.a.
Predicted N Terminal	Val 23
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant canine IL11RA/Fc is a disulfide-linked homodimer. The reduced monomer comprises 582 amino acids. and has a predicted molecular mass of 64 kDa.
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 -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 IL11RA interleukin 11 receptor, alpha [*Canis lupus familiaris*]

Official Symbol IL11RA

Synonyms interleukin-11 receptor subunit alpha

Gene ID 481588

mRNA Refseq

Protein Refseq

MIM

UniProt ID

Chromosome Location chromosome: 11

Pathway Cytokine Signaling in Immune system, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Hematopoietic cell lineage, organism-specific biosystem

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