

Recombinant Canine IL18R1 Protein, His-tagged

Cat. No. IL18R1-1048C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant canine IL18R1 (Met1-Arg327) was expressed with a polyhistidine tag at the C-terminus.
Species	Canine
Source	HEK293
ProteinLength	1-327 a.a.
Predicted N Terminal	Leu 19
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant canine IL18R1 consists 320 amino acids and predicts a molecular mass of 37.3 kDa.
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 -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 IL18R1 interleukin 18 receptor 1 [*Canis lupus familiaris*]

Official Symbol IL18R1

Synonyms interleukin-18 receptor 1

Gene ID 611438

mRNA Refseq

Protein Refseq

MIM

UniProt ID

Chromosome Location chromosome: 10

Pathway Cytokine-cytokine receptor interaction, organism-specific biosystem; Inflammatory bowel disease (IBD), organism-specific biosystem; TNF signaling pathway, conserved biosystem

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