

Recombinant Canine IL18R1, Fc tagged

Cat. No. IL18R1-173C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Canine IL18R1 (XP_854199.2) (Met1-Arg327), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cells.
Species	Canine
Source	Human Cells
ProteinLength	1-327 a.a.
Predicted N Terminal	Leu19
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant canine IL18R1/Fc is a disulfide-linked homodimer. The reduced monomer comprises 550 amino acids and has a predicted molecular mass of 62.9 kDa. The apparent molecular mass of the protein is approximately 67-77 kDa in SDS-PAGE under reduc
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>90 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.

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Storage

Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution. 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* (dog)]

Official Symbol

IL18R1

Gene ID

611438

mRNA Refseq

XM_005625993

Protein Refseq

XP_005626050

**Chromosome
Location**

10

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