

## Recombinant Canine IL18R1 protein, hFc-tagged

**Cat. No.** IL18R1-1978C    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Canine IL18R1 protein(XP_854199.2)(Met1-Arg327), fused with hFc tag, was expressed in HEK293.                                                                                                                                                                           |
| <b>Species</b>          | Canine                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | Met1-Arg327                                                                                                                                                                                                                                                                         |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA. |
| <b>Molecular Mass</b>   | 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 reducing conditions.        |
| <b>Endotoxin</b>        | < 1.0 EU per µg of the protein as determined by the LAL method                                                                                                                                                                                                                      |
| <b>Purity</b>           | > 90 % as determined by SDS-PAGE                                                                                                                                                                                                                                                    |
| <b>Storage</b>          | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C<br>Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein                                                                                                        |

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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 of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

**Official Symbol** IL18R1

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