

## Active Recombinant Canine IL13RA2 protein, His-tagged

Cat. No. IL13RA2-258C    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Canine IL13RA2 protein(Q95LF0)(Met1-Thr338), fused with His tag, was expressed in HEK293.                                                                                                                                      |
| <b>Species</b>          | Canine                                                                                                                                                                                                                                     |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                     |
| <b>ProteinLength</b>    | Met1-Thr338                                                                                                                                                                                                                                |
| <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.                                 |
| <b>Bio-activity</b>     | Measured by its ability to inhibit IL13-dependent proliferation of TF-1 human erythroleukemic cells. The ED50 for this effect is typically 0.01-0.04 µg/mL.                                                                                |
| <b>Molecular Mass</b>   | The recombinant canine IL13RA2 comprises 328 amino acids and has a predicted molecular mass of 38.6 kDa. The apparent molecular mass of the protein is approximately 39-46 kDa in SDS-PAGE under reducing conditions due to glycosylation. |
| <b>Endotoxin</b>        | < 1.0 EU per µg of the protein as determined by the LAL method                                                                                                                                                                             |
| <b>Purity</b>           | > 95 % as determined by SDS-PAGE                                                                                                                                                                                                           |

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**Storage**

Samples are stable for up to twelve months from date of receipt at -20°C to -80°C  
Store it under sterile conditions at -20°C to -80°C. 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 of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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