

Active Recombinant Canine IL13RA2 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Canine IL13RA2 protein(Q95LF0)(Met1-Thr338), fused with His tag, was expressed in HEK293.
Species	Canine
Source	HEK293
ProteinLength	Met1-Thr338
Form	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.
Bio-activity	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.
Molecular Mass	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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 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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