

Recombinant Canine IL13RA2 protein(Met1-Thr338), hFc-tagged

Cat. No. IL13RA2-2343C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Canine IL13RA2 (NP_001003075.1) (Met1-Thr338) was expressed in HEK293 with the Fc region of Human IgG1 at the C-terminus.
Species	Canine
Source	HEK293
ProteinLength	Met1-Thr338
Form	Lyophilized from sterile PBS, pH 7.4. 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/Fc is a disulfide-linked homodimer. The reduced monomer comprises 558 amino acids and has a predicted molecular mass of 64.1 kDa. The apparent molecular mass of the protein is approximately 66-72 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA