

Active Recombinant Rat IL13ra2 protein, hFc-tagged

Cat. No. IL13ra2-8738R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat IL13ra2 protein(Q8VHK6)(Met1-Lys336), fused with hFc tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	Met1-Lys336
Form	Lyophilized from sterile PBS, pH 7.4Please 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.
Bio-activity	Measured by its ability to inhibit IL13-dependent proliferation of TF-1 human erythroleukemic cells.The ED50 for this effect is typically 0.005-0.03 µg/mL.
Molecular Mass	The recombinant rat IL13RA2/Fc is a disulfide-linked homodimer. The reduced monomer comprises 554 amino acids and has a predicted molecular mass of 63.4 kDa. The apparent molecular mass of the protein is approximately 89-93 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % 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.

GENE INFORMATION

Gene Name IL13ra2 interleukin 13 receptor, alpha 2 [*Rattus norvegicus*]

Official Symbol IL13ra2

Synonyms IL13RA2; interleukin 13 receptor, alpha 2; interleukin-13 receptor subunit alpha-2; IL-13RA2; IL-13RA-2; IL-13R-alpha-2; IL-13 receptor alpha-2; IL-13R subunit alpha-2; IL-13 receptor subunit alpha-2; interleukin-13 receptor alpha-2;

Gene ID 171060

mRNA Refseq NM_133538

Protein Refseq NP_598222

 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