

## Recombinant Rat IL13ra2 protein(Met1-Lys336), His-tagged

**Cat. No.** IL13ra2-7459R    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat IL13RA2 (Q8VHK6) (Met1-Lys336) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
<b>Species</b>	Rat
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-336 a.a.
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. 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 0.005-0.03 µg/mL.
<b>Molecular Mass</b>	The recombinant rat IL13RA2 comprises 324 amino acids and predicts a molecular mass of 37.9 kDa. The apparent molecular mass of the recombinant protein is approximately 44 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>	> 85 % 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. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

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](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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