

## Active Recombinant Rat Il13ra2 protein, hFc-tagged

Cat. No. Il13ra2-8738R Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Il13ra2 protein(Q8VHK6)(Met1-Lys336), fused with hFc tag, was expressed in HEK293.
<b>Species</b>	Rat
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Lys336
<b>Form</b>	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.
<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/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.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 90 % 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.

## 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](#)

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