

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

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

SPECIFICATION

Product Overview	Recombinant Rat IL13RA2 (Q8VHK6) (Met1-Lys336) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	1-336 a.a.
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 0.005-0.03 µg/mL.
Molecular Mass	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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 85 % as determined by SDS-PAGE
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

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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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