

Active Recombinant Mouse IL13ra2 protein(Met1-Lys334), His-tagged

Cat. No. IL13ra2-2296M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse IL13R α 2 (NP_032382.1)(Met 1-Lys 334) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Lys334
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 6-24 ng/mL.
Molecular Mass	The recombinant mouse IL13R α 2 consists of 324 amino acids after removal of the signal peptide and has a predicted molecular mass of 38 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rIL13R α 2 is approximately 45-50 kDa due to glycosylation.
Endotoxin	< 1.0 EU per μ g of the protein as determined by the LAL method.
Purity	> 98 % 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 [*Mus musculus*]

Official Symbol IL13ra2

Synonyms IL13RA2; interleukin 13 receptor, alpha 2; interleukin-13 receptor subunit alpha-2; IL-13RA2; IL-13R-alpha-2; IL-13R subunit alpha-2; IL-13 receptor subunit alpha-2; CD213a2;

Gene ID 16165

mRNA Refseq NM_008356

Protein Refseq NP_032382

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