

Active Recombinant Mouse IL13RA2 protein, mFc-tagged

Cat. No. IL13RA2-1968M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse IL13RA2 protein(NP_032382.1)(Met1-Lys334), fused with mFc tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Lys334
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	1. Immobilized mIL13RA2-mFc(mIgG2a) at 10 µg/mL (100 µL/well) can bind IL13/Biotin, the EC50 of IL13/Biotin is 20-50 ng/mL.2. Measured by its ability to inhibit mIL13-dependent proliferation of TF-1 human erythroleukemic cells. The ED50 for this effect is typically 5-30ng/mL in the presence of 4 ng/mL of mIL13.
Molecular Mass	The recombinant mouse IL13RA2 consists of 546 amino acids and predicts a molecular mass of 62.84 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % 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 [*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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