

Active Recombinant Mouse IL13RA1 protein, mFc-tagged

Cat. No. IL13RA1-1969M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse IL13RA1 protein(NP_598751.3)(Met1-Thr340), fused with mFc tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Thr340
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	Immobilized Recombinant Mouse IL13 Protein at 2µg/mL (100µL/well) can bind Recombinant Mouse IL13RA1 / IL-13RA1 Protein (ECD, mFc Tag), the EC50 is 160-620 ng/mL.
Molecular Mass	The recombinant mouse IL13RA1 consists of 548 amino acids and predicts a molecular mass of 62.41 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 [IL13ra1 interleukin 13 receptor, alpha 1 \[Mus musculus \]](#)

Official Symbol [IL13RA1](#)

Synonyms IL13RA1; interleukin 13 receptor, alpha 1; interleukin-13 receptor subunit alpha-1; IL-13RA1; IL-13R-alpha-1; IL-13R subunit alpha-1; novel cytokine receptor 4; IL-13 receptor subunit alpha-1; interleukin-13-binding protein; NR4; IL13ra; CD213a1; AI882074; IL-13r[a];

Gene ID [16164](#)

mRNA Refseq [NM_133990](#)

Protein Refseq [NP_598751](#)

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