

Active Recombinant Mouse IL13ra1 protein, His-tagged

Cat. No. IL13ra1-2295M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse IL13ra1 (Met 1-Thr 340) protein was fused to His-tag at C-terminus and expressed in human 293 cells (HEK293).
Species	Mouse
Source	HEK293
Protein Length	Met 1-Thr 340
Form	Lyophilized from sterile PBS, pH 7.4
Bio-activity	1. Measured by its binding ability in a functional ELISA. 2. Immobilized mouse IL13RA1-His at 10 µg/mL (100 µL/well) can bind human Fc-IL13, the EC50 of human Fc-IL13 is 0.5-1.5 µg/mL.
Molecular Mass	The recombinant mouse IL13Rα1 consists of 326 amino acids after removal of the signal peptide and has a predicted molecular mass of 37.6 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rm IL13Rα1 is approximately 50-55 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 98 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C

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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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