

Recombinant Human IL13RA2 protein(Met1-Leu342), His-tagged, Biotinylated

Cat. No. IL13RA2-212HB **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human IL13RA2(NP_000631.1) (Met1-Leu342) was expressed in HEK293 with the a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-342 a.a.
Conjugation/Label	Biotin
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	Immobilized Recombinant Human IL13 Protein (Fc Tag) at 2µg/mL (100µL/well) can bind Recombinant Human IL13RA2 / CD213A2 Protein (His Tag), Biotinylated, the EC50 is 2-8 ng/mL.
Molecular Mass	The recombinant human IL13Rα2 consists of 325 amino acids and predicts a molecular mass of 38 KDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 85 % 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.
Conjugation	Biotin
GENE INFORMATION	
Gene Name	IL13RA2 interleukin 13 receptor, alpha 2 [Homo sapiens]
Official Symbol	IL13RA2
Synonyms	IL13RA2; interleukin 13 receptor, alpha 2; interleukin-13 receptor subunit alpha-2; cancer/testis antigen 19; CD213a2; CT19; IL 13R; IL13BP; IL-13RA2; IL-13R-alpha-2; IL-13R subunit alpha-2; IL-13 receptor subunit alpha-2; interleukin 13 binding protein; interleukin-13-binding protein; interleukin 13 receptor alpha 2 chain; IL-13R; CD213A2;
Gene ID	3598
mRNA Refseq	NM_000640
Protein Refseq	NP_000631
MIM	300130
UniProt ID	Q14627

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