

Active Recombinant Human IL13RA2 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human IL13RA2 (Met1-Leu342) protein was fused to His-tag at C-terminus and expressed in human 293 cells (HEK293).
Species	Human
Source	HEK293
ProteinLength	Met1-Leu342
Form	Lyophilized from sterile 50 mM Tris, pH 8.0. 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 5-30 ng/mL.
Molecular Mass	The recombinant human IL13R α 2 consists of 325 amino acids and predicts a molecular mass of 38 KDa. As a result of glycosylation, it migrates as an approximately 49.7 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μ g protein as determined by the LAL method.
Purity	> 85 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C

 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

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 \[Homo sapiens \]](#)

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](#)

 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