

Recombinant Human Interleukin 13 Receptor, Alpha 2

Cat. No. IL13RA2-1651H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	Sf21 Cells
Description	Interleukin 13 receptor alpha 2, also known as IL13RA2 and CD213A2, binds IL13 with high affinity, but lacks cytoplasmic domain, and does not appear to function as a signal mediator. IL13RA2 serves as a dominant negative inhibitor or a decoy receptor for IL-13. IL-13Ralpha2 is a promising target for ovarian cancer therapy, and the soluble form of IL-13R may be a possible surrogate marker for disease monitoring. IL13RA2 signaling during prolonged inflammation is also an important therapeutic target for the prevention of TGF-beta(1)-mediated fibrosis.
Molecular Weight	The predicted molecular weight of Recombinant Human IL-13 Rα2 is Mr 65 kDa. However, the actual molecular weight as observed by migration on SDS Page is Mr 74 kDa.
State Of Matter	Lyophilized.
Purity	>90% by SDS Page and analyzed by silver stain.
Endotoxin	<1.0 EU/g as determined by the LAL method.
Storage And Stability	This lyophilized protein is stable for six to twelve months when stored desiccated at -

 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

20°C to -70°C. After aseptic reconstitution, this protein may be stored at 2°C to 8°C for one month or at -20°C to -70°C in a manual defrost freezer. Avoid Repeated Freeze Thaw Cycles. See Product Insert for exact lot specific storage instructions.

GENE INFORMATION

Gene Name	IL13RA2 interleukin 13 receptor, alpha 2 [Homo sapiens]
Synonyms	IL13RA2; interleukin 13 receptor, alpha 2; CT19; IL-13R; IL13BP; CD213A2; OTTHUMP00000023871; cancer/testis antigen 19; interleukin 13 binding protein; interleukin 13 receptor alpha 2 chain; IL-13 receptor; CD213a2; IL13R; OTTHUMP00000023871; CD213a2 antigen; Interleukin-13-binding protein
Gene ID	3598
mRNA Refseq	NM_000640
Protein Refseq	NP_000631
MIM	300130
UniProt ID	Q14627
Chromosome Location	Xq13.1-q28
Pathway	Jak-STAT signaling pathway
Function	cytokine receptor activity; receptor activity

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