

Recombinant Human Interleukin 13 Receptor, Alpha 2

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

SPECIFICATION

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 -20°C to -70°C. After aseptic reconstitution, this protein may be stored at 2°C to

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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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