

## Recombinant Human Interleukin 13 Receptor, Alpha 2

Cat. No. IL13RA2-1652H Lot. No. (See product label)

### SPECIFICATION

<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>Description</b>	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.
<b>Molecular Weight</b>	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.
<b>State Of Matter</b>	Lyophilized.
<b>Purity</b>	>90% by SDS Page and analyzed by silver stain.
<b>Endotoxin</b>	<1.0 EU/g as determined by the LAL method.
<b>Storage And Stability</b>	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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