

## Recombinant Human IL13RA2 protein

**Cat. No.** IL13RA2-3829H    **Lot. No.** (See product label)

### SPECIFICATION

**Product Overview**      Recombinant Human IL13RA2 was expressed in Wheat Germ.

**Species**                      Human

**Source**                        Wheat Germ

**Description**                The protein encoded by this gene is closely related to IL13RA1, a subunit of the interleukin 13 receptor complex. This protein binds IL13 with high affinity, but lacks cytoplasmic domain, and does not appear to function as a signal mediator. It is reported to play a role in the internalization of IL13.

**Form**                            25 mM Tris-HCl of pH8.0 containing 2% glycerol.

**Molecular Mass**            44.2 kDa

**AA Sequence**                MAFVCLAIGCLYTFLLISTTFGCTSSSDTEIKVNPPQDFEIVDPGYLGYLYLQWQPPLSL  
DHFKECTVEYELKYRN IGSETWKTITKNLHYKDGFDLNKGIEAKIHTLLPWQCTNGS  
EVQSSWAETTYWISPQGIPETKVQDMDCVYYNW QYLLCSWKPGIGVLLDTNYNLF  
YWYEGLDHALQCVDYIKADGQNIGCRFPYLEASDYKDFYICVNGSSENKPIRS SYFT  
FQLQNIVKPLPPVYLFTRESSCEIKLKWISPLGPIPARCFDYEIEIREDDTTLVTATVE  
NETYTLKTTNE TRQLCFVVRSKVNIYCSDDGIWSEWSDKQCWEGEDLSKKTLLRF  
WLPFGFILILVIFVTGLLLRKPNTYPKMIPE FFCDT

**Applications**                Antibody Production; Functional Study: Recommended usage only, not validated yet. Compound Screening: Recommended usage only, not validated yet.

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**Notes** Heating may cause protein aggregation. Please do not heat this product before electrophoresis. Best use within three months from the date of receipt of this protein.

**Storage** Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

## 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

**Chromosome Location** Xq13.1-q28

**Pathway** IL4-mediated signaling events, organism-specific biosystem; Jak-STAT signaling

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pathway, organism-specific biosystem; Jak-STAT signaling pathway, conserved biosystem;

**Function**

cytokine receptor activity; receptor activity; signal transducer activity;

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