

# Recombinant Full Length Human IL13RA2 Protein

**Cat. No.** IL13RA2-595HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
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| <b>Product Overview</b> | Recombinant full length Human IL13RA2 was expressed in Wheat Germ.                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>ProteinLength</b>    | 380 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Description</b>      | 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.                                                                                                                                       |
| <b>Form</b>             | 25 mM Tris-HCl of pH8.0 containing 2% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Molecular Mass</b>   | 44.2 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>AA Sequence</b>      | MAFVCLAIGC LYTFLISTTF GCTSSSDTEI KVNPPQDFEI VDPGYLG YLY<br>LQWQPPLSLD HFKECTVEYE LKYRNIGSET WKTITKNLH YKDGFDLNKG<br>IEAKIHTLLP WQCTNGSEVQ SSWAETTYWI SPQGIPETKV QDMDCVYYNW<br>QYLLCSWKPG IGVLLDTNYN LFYWYEGLDH ALQCVDYIKA DGQNIGCRFP<br>YLEADYKDF YICVNGSSEN KPIRSSYFTF QLQNIWKPLP PVYLTFTRES<br>SCEIKLKWSI PLGPIPARCF DYEIEIREDD TTLVTATVEN ETYTLKTTNE<br>TRQLCFVVRV KVNICYSDDG IWSEWSDKQC WEGEDLSKKT LLRFWLPGGF<br>ILILVIFVTG LLLRKPNTYP KMIPEFFCDT |

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| <b>Applications</b>     | Antibody Production;Functional Study: Recommended usage only, not validated yet.Compound Screening: Recommended usage only, not validated yet.                                                                                                                                                                                                        |
| <b>Storage</b>          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                                                                              |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                                                                                                       |
| <b>Gene Name</b>        | IL13RA2 interleukin 13 receptor, alpha 2 [ Homo sapiens ]                                                                                                                                                                                                                                                                                             |
| <b>Official Symbol</b>  | IL13RA2                                                                                                                                                                                                                                                                                                                                               |
| <b>Synonyms</b>         | 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 |
| <b>Gene ID</b>          | 3598                                                                                                                                                                                                                                                                                                                                                  |
| <b>mRNA Refseq</b>      | NM_000640                                                                                                                                                                                                                                                                                                                                             |
| <b>Protein Refseq</b>   | NP_000631                                                                                                                                                                                                                                                                                                                                             |
| <b>MIM</b>              | 300130                                                                                                                                                                                                                                                                                                                                                |
| <b>UniProt ID</b>       | Q14627                                                                                                                                                                                                                                                                                                                                                |