

## Recombinant Human IL13RA2 protein, Fc-tagged

**Cat. No.** IL13RA2-766H    **Lot. No.** (See product label)

### SPECIFICATION

|                             |                                                                                                                                                                                                               |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant Human IL13RA2(Asp 27 - Leu 342) fused with a human IgG1 Fc tag at the C-terminus was expressed in HEK293.                                                                                         |
| <b>Species</b>              | Human                                                                                                                                                                                                         |
| <b>Source</b>               | HEK293                                                                                                                                                                                                        |
| <b>ProteinLength</b>        | Asp 27 - Leu 342                                                                                                                                                                                              |
| <b>Predicted N Terminal</b> | Asp 27                                                                                                                                                                                                        |
| <b>Form</b>                 | Lyophilized from 0.22 µm filtered solution in 50 mM tris, 100 mM glycine, pH7.5. Normally Mannitol or Trehalose are added as protectants before lyophilization.                                               |
| <b>Molecular Mass</b>       | Has a calculated MW of 63.2 kDa. The reducing (R) protein migrates as 80-90 kDa in SDS-PAGE due to glycosylation.                                                                                             |
| <b>Endotoxin</b>            | Less than 1.0 EU per µg by the LAL method.                                                                                                                                                                    |
| <b>Purity</b>               | >95% as determined by SDS-PAGE.                                                                                                                                                                               |
| <b>Storage</b>              | Avoid repeated freeze-thaw cycles.No activity loss was observed after storage at:In lyophilized state for 1 year (4 centigrade); After reconstitution under sterile conditions for 3 months (-70 centigrade). |

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## GENE INFORMATION

|                            |                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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                                                                                                                                                                                                                                                                                                                                                 |
| <b>Chromosome Location</b> | Xq13.1-q28                                                                                                                                                                                                                                                                                                                                             |
| <b>Pathway</b>             | IL4-mediated signaling events, organism-specific biosystem; Jak-STAT signaling pathway, organism-specific biosystem; Jak-STAT signaling pathway, conserved biosystem;                                                                                                                                                                                  |
| <b>Function</b>            | cytokine receptor activity; receptor activity; signal transducer activity;                                                                                                                                                                                                                                                                             |

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