

# Recombinant Rat IL13ra2 Protein, Fc-tagged, Alexa Fluor 647 conjugated

**Cat. No.** IL13ra2-8738RAF647    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                            |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Alexa Fluor 647 conjugated recombinant Rat IL13ra2 (Q8VHK6) (Met1-Lys336), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cell.                                                                                                           |
| <b>Species</b>          | Rat                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                     |
| <b>ProteinLength</b>    | 554                                                                                                                                                                                                                                                                        |
| <b>Form</b>             | Lyophilized                                                                                                                                                                                                                                                                |
| <b>Molecular Mass</b>   | The recombinant rat IL13RA2/Fc is a disulfide-linked homodimer. The reduced monomer comprises 554 amino acids and has a predicted molecular mass of 63.4 kDa. The apparent molecular mass of the protein is approximately 89-93 kDa in SDS-PAGE under reducing conditions. |
| <b>Endotoxin</b>        | < 1.0 EU/ µg of the protein as determined by the LAL method.                                                                                                                                                                                                               |
| <b>Characteristic</b>   | Disulfide-linked homodimer<br>Labeled with Alexa Fluor 647 via amines<br>Excitation = 650 nm<br>Emission = 668 nm                                                                                                                                                          |
| <b>Stability</b>        | Samples are stable for up to 12 months from date of receipt at -70 centigrade.                                                                                                                                                                                             |

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|                       |                                                                                                                                                                           |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>        | Store it under sterile conditions at -20 to -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.       |
| <b>Storage Buffer</b> | Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4                                                                                                                |
| <b>Reconstitution</b> | It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents. |
| <b>Conjugation</b>    | Alexa Fluor 647                                                                                                                                                           |

## GENE INFORMATION

|                        |                                                                |
|------------------------|----------------------------------------------------------------|
| <b>Gene Name</b>       | Il13ra2 interleukin 13 receptor, alpha 2 [ Rattus norvegicus ] |
| <b>Official Symbol</b> | Il13ra2                                                        |
| <b>Gene ID</b>         | 171060                                                         |
| <b>mRNA Refseq</b>     | NM_133538                                                      |
| <b>Protein Refseq</b>  | NP_598222                                                      |

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