

Recombinant Rat Il13ra2 Protein, Fc-tagged, Alexa Fluor 488 conjugated

Cat. No. Il13ra2-8738RAF488 **Lot. No.** (See product label)

SPECIFICATION

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| Product Overview | Alexa Fluor 488 conjugated recombinant Rat Il13ra2 (Q8VHK6) (Met1-Lys336), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cell. |
| Species | Rat |
| Source | HEK293 |
| ProteinLength | 554 |
| Form | Lyophilized |
| Molecular Mass | 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. |
| Endotoxin | < 1.0 EU/ µg of the protein as determined by the LAL method. |
| Characteristic | Disulfide-linked homodimer Labeled with Alexa Fluor 488 via amines Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm |
| Stability | Samples are stable for up to 12 months from date of receipt at -70 centigrade. |

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| Storage | 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. |
| Storage Buffer | Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4 |
| Reconstitution | 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. |
| Conjugation | Alexa Fluor 488 |

GENE INFORMATION

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

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