

Recombinant Human IL2RA Protein, Fc-tagged, Alexa Fluor 488 conjugated

Cat. No. IL2RA-636HAF488 **Lot. No.** (See product label)

SPECIFICATION

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| Product Overview | Alexa Fluor 488 conjugated recombinant human IL2RA α chain (NP_000408.1) precursor (Met 1-Cys 213), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cell. |
| Species | Human |
| Source | HEK293 |
| ProteinLength | 1-213 a.a. |
| Form | Lyophilized |
| Molecular Mass | The mature recombinant human IL2R α /Fc is a disulfide-linked homodimeric protein generated by proteolytic removal of the signal peptide. The reduced monomer consists of 430 amino acids and has a predicted molecular mass of 48.5 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhIL2R α /Fc monomer is approximately 72 kDa due to glycosylation. |
| Endotoxin | < 1.0 EU/ μ g 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 |

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| Stability | Samples are stable for up to 12 months from date of receipt at -70 centigrade. |
| 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 sterile 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 | IL2RA interleukin 2 receptor, alpha [Homo sapiens] |
| Official Symbol | IL2RA |
| Gene ID | 3559 |
| mRNA Refseq | NM_000417 |
| Protein Refseq | NP_000408 |
| MIM | 147730 |
| UniProt ID | P01589 |

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