

Recombinant Cynomolgus IL2RA Protein, His-tagged, Alexa Fluor 488 conjugated

Cat. No. IL2RA-134CAF488 **Lot. No.** (See product label)

SPECIFICATION

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| Product Overview | Alexa Fluor 488 conjugated recombinant Cynomolgus IL2RA (H6WS54) (Met1-Arg213), fused with a polyhistidine tag at the C-terminus, was produced in Human Cells. |
| Species | Monkey |
| Source | HEK293 |
| ProteinLength | 203 |
| Form | Lyophilized |
| Molecular Mass | The recombinant cynomolgus IL2RA comprises 203 amino acids and has a calculated molecular mass of 23.1 kDa. The apparent molecular mass of it is approximately 43 kDa respectively in SDS-PAGE. |
| N-terminal Sequence Analysis | Glu 22 |
| Endotoxin | < 1.0 EU/ µg of the protein as determined by the LAL method. |
| Purity | > 95 % as determined by SDS-PAGE |
| Characteristic | Disulfide-linked homodimer |

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| | 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. |
| 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. Normally 5%-8% trehalose and mannitol are added as protectants before lyophilization. |
| 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 | IL2RAinterleukin 2 receptor, alpha [Macaca fascicularis(crab-eating macaque)] |
| Official Symbol | IL2RA |
| Gene ID | 102123605 |
| mRNA Refseq | NM_001283704 |
| Protein Refseq | NP_001270633 |

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