

# Recombinant Human IL2RA Protein, Fc-tagged, FITC conjugated

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

## SPECIFICATION

<b>Product Overview</b>	FITC conjugated recombinant human IL2RA $\alpha$ 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.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-213 a.a.
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	The mature recombinant human IL2R $\alpha$ /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 $\alpha$ /Fc monomer is approximately 72 kDa due to glycosylation.
<b>Endotoxin</b>	< 1.0 EU/ $\mu$ g of the protein as determined by the LAL method.
<b>Characteristic</b>	Disulfide-linked homodimer Labeled with FITC via amines Excitation source: 488 nm spectral line, argon-ion laser Excitation Wavelength: 488 nm

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	Emission Wavelength: 535 nm
<b>Stability</b>	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
<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 sterile 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>	FITC

## GENE INFORMATION

<b>Gene Name</b>	IL2RA interleukin 2 receptor, alpha [ Homo sapiens ]
<b>Official Symbol</b>	IL2RA
<b>Gene ID</b>	3559
<b>mRNA Refseq</b>	NM_000417
<b>Protein Refseq</b>	NP_000408
<b>MIM</b>	147730
<b>UniProt ID</b>	P01589

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