Recombinant Human IL2RA Protein, Fc-tagged, FITC conjugated

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

SPECIFICATION

Product Overview	FITC 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 IL2Rα/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 rhIL2Rα/Fc monomer is approximately 72 kDa due to glycosylation.
Endotoxin	< 1.0 EU/ μg of the protein as determined by the LAL method.
Characteristic	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
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	FITC

GENE INFORMATION

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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