

Recombinant Human IL2RA protein, hFc-tagged

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

SPECIFICATION

Product Overview	Recombinant Human IL2RA protein(Met 1-Cys 213)(NP_000408.1) precursor was expressed in HEK293 with C-terminal fused human IgG1 Fc region.
Species	Human
Source	HEK293
ProteinLength	1-213 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	1. Measured by its ability to bind recombinant rat IL2 in a functional ELISA. 2. Measured by its ability to bind recombinant canine IL2 in a functional ELISA. 3. Measured by its ability to bind recombinant mouse IL2 in a functional ELISA.
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 per µg of the protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE

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Storage Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name IL2RA interleukin 2 receptor, alpha [Homo sapiens]

Official Symbol IL2RA

Synonyms IL2RA; interleukin 2 receptor, alpha; IL2R; interleukin-2 receptor subunit alpha; CD25; p55; IL2-RA; IL-2-RA; TAC antigen; IL-2R subunit alpha; IL-2 receptor subunit alpha; TCGFR; IDDM10;

Gene ID 3559

mRNA Refseq NM_000417

Protein Refseq NP_000408

MIM 147730

UniProt ID P01589

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