

Active Recombinant Human IL2RA protein, Fc-Avi-tagged, Biotinylated, MALS verified

Cat. No. IL2RA-1632H Lot. No. (See product label)

SPECIFICATION

Product Overview	Biotinylated Active Recombinant Human IL2RA protein(P01589-1)(Glu 22 - Cys 213), fused with C-terminalFc and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	22-213 a.a.
Conjugation/Label	Biotin
Form	Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 100 mM Glycine, 25 mM Arginine, 150 mM NaCl, pH7.5 with trehalose as protectant.
Bio-activity	Immobilized Human IL-2, Tag Free at 5 µg/mL (100 µL/well) can bind Biotinylated Human IL-2 R alpha, Fc,Avitag with a linear range of 0.005-1.25 µg/mL.
Molecular Mass	The protein has a calculated MW of 49.9 kDa.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or

 Tel: 1-631-559-9269 1-516-512-3133

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 45-1 Ramsey Road, Shirley, NY 11967, USA

lower.
 Please avoid repeated freeze-thaw cycles.
 This product is stable after storage at:
 -20°C to -70°C for 12 months in lyophilized state;
 -70°C for 3 months under sterile conditions after reconstitution.

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.

Conjugation Biotin

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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