

Active Recombinant Human IL2RA protein, Fc-tagged

Cat. No. IL2RA-1634H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL2RA protein(Glu22-Cys213), fused with Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	22-213 a.a.
Form	Lyophilized from 0.22 µm filtered solution in Tris with Glycine, Arginine and NaCl, pH7.5.
Bio-activity	Immobilized Human IL-2 R alpha Protein, Fc Tag at 2 µg/mL (100 µL/well) can bind Human IL-2, Tag Free with a linear range of 0.4-3 ng/mL.
Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminus.The protein has a calculated MW of 48.4 kDa. The protein migrates as 60-66 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Glu22-Cys213
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.>90% as determined by SEC-MALS.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Storage For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after 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.

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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