Active Recombinant Human IL2RA&IL2RB&IL2RG protein, Fc-Avi-tagged, Biotinylated

Cat. No. IL2RA&IL2RB&IL2RG-0201H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human IL2RA&IL2RB&IL2RG protein(Ala27-Asp239&Glu22-Ser212&Leu23-Asn254), fused with Fc and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	27-239;22-212;23-254 a.a.
Form	Lyophilized from 0.22 μm filtered solution in PBS, pH7.4 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 RA & IL-2 RB& IL-2 RG, Fc,Avitag&Fc,Avitag with a linear range of 2-78 ng/mL.Immobilized Human IL-15, premium grade at 5 μg/mL (100 μL/well) can bind Biotinylated Human IL-2 RA & IL-2 RB& IL-2 RG, Fc,Avitag&Fc,Avitag with a linear range of 0.039-1.25 μg/mL.
Molecular Mass	The reducing (R) protein migrates as 65-70 kDa and 115-120 kDa respectively due to glycosylation.
Proteinlength	Ala27-Asp239&Glu22-Ser212&Leu23-Asn254
Endotoxin	Less than 1.0 EU per

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	μg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
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.
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

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UniProt ID	P01589

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