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

Cat. No. IL2RB&IL2RG-0251C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Cynomolgus IL2RB&IL2RG protein(Ala27-Thr240(IL-2RB)&Leu23-Pro255(IL-2RG)), fused with Fc and Avi tag, was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	27-240;23-255 a.a.
Form	Lyophilized from 0.22 μm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human IL-2, Tag Free at 5 μg/mL (100 μL/well) can bind Biotinylated Cynomolgus IL-2RB&IL-2RG, Fc,Avitag&Fc,Avitag with a linear range of 0.02-0.625 μg/mL.
Molecular Mass	Biotinylated Cynomolgus IL-2RB&IL-2RG, Fc,Avitag&Fc,Avitag is produced by co-expression of IL-2RB andIL-2RG, has a calculated MW of 53.0 kDa (IL-2RB) and 55.4 kDa (IL-2RG). Subunit IL-2RB is fused with a human IgG1 Fc tag at the C-terminus, followed by a Avi tag (Avitag) and subunit IL-2RA&IL-2RG is fused with a human IgG1 Fc tag at the C-terminus, followed by a Avi tag (Avitag). The reducing (R) protein migrates as 70-85 kDa and 90-110 kDa respectively due to glycosylation.
Proteinlength	Ala27-Thr240(IL-2RB)&Leu23-Pro255(IL-2RG)

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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.
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

Official Symbol	IL2RB

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