

Active Recombinant Human IL2RB&IL2RG protein, Fc-tagged

Cat. No. IL2RB&IL2RG-0254H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL2RB&IL2RG protein(Ala27-Asp239(IL-2RB)&Leu23-Asn254(IL-2RG)), fused with Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	27-239;23-254 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 Human IL-2RB&IL-2RG Heterodimer Protein, Fc Tag&Fc Tag (MALS verified) with a linear range of 2-156 ng/mL.
Molecular Mass	The reducing (R) protein migrates as 60-65 kDa and 70-75 kDa respectively due to glycosylation.
Proteinlength	Ala27-Asp239(IL-2RB)&Leu23-Asn254(IL-2RG)
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.

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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 IL2RB interleukin 2 receptor, beta [Homo sapiens]

Official Symbol IL2RB

Synonyms IL2RB; interleukin 2 receptor, beta; IL15RB, interleukin 15 receptor, beta; interleukin-2 receptor subunit beta; CD122; p75; IL-2RB; CD122 antigen; IL-2R subunit beta; IL-2 receptor subunit beta; interleukin 15 receptor, beta; high affinity IL-2 receptor beta subunit; high affinity IL-2 receptor subunit beta; IL15RB; P70-75;

Gene ID 3560

mRNA Refseq NM_000878

Protein Refseq NP_000869

MIM 146710

UniProt ID P14784

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