

Active Recombinant Human IL2RB protein, mFc-tagged

Cat. No. IL2RB-1979H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL2RB protein(NP_000869.1)(Met1-Asp239), fused with mFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Asp239
Form	Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	1. Measured by its ability to bind biotinylated IL2 basic in a functional ELISA. 2. Measured by its ability to inhibit IL-15-dependent proliferation of MO7e human megakaryocytic leukemic cells in the presence of 4 ng/mL of recombinant human IL-15. The ED50 for this effect is typically 2-12 µg/mL.
Molecular Mass	The recombinant human IL2RB consists of 447 amino acids and predicts a molecular mass of 51 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE

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Storage Samples are stable for up to twelve months from date of receipt at -20°C to -80°C
Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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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