

Active Recombinant Human IL2RB protein

Cat. No. IL2RB-783H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human IL2RB protein(NP_000869.1)(Met 1-Asp 239) with five amino acids (DDDDK) at the C-terminus was expressed and purified in HEK293.
Species	Human
Source	HEK293
ProteinLength	1-239 aa
Form	Lyophilized from sterile 100mM NaCl, 50mM Tris, pH 7.5.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized human IL2Rb at 10 µg/ml (100 µl/well) can bind biotinylated human IL2, The EC50 of biotinylated human IL2 is 0.1-0.24 µg/ml.
Molecular Mass	The mature recombinant human IL2 Rβ consists of 219 amino acids and has a predicted molecular mass of 25.2 kDa. As a result of glycosylation, the rh IL2 Rβ migrates as an approximately 40 kDa protein in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to

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aliquot the protein into smaller quantities 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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