

Active Recombinant Human IL2RB protein, His-tagged

Cat. No. IL2RB-947H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human IL2RB protein(NP_000869)(Ala27-Asp239) is expressed from HEK293 with His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	27-239 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4).
Bio-activity	Human IL-2 R beta, His Tag captured on CM5 Chip via Anti-His Antibody can bind Human IL-2, No Tag with an affinity constant of 0.21 µM as determined in SPR assay (Biacore S200).
Molecular Mass	The protein has a predicted MW of 26.2 kDa. Due to glycosylation, the protein migrates to 38-50 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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Reconstitution Dissolve the lyophilized protein in distilled water.

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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