

Active Recombinant Human IL2RB protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human IL2RB protein(Ala 27 - Asp 239), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ala 27 - Asp 239
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Loaded Human IL-2 R beta Protein, His Tag on HIS1K Biosensor, can bind Human IL-2, Tag Free with an affinity constant of 0.46 µM as determined in BLI assay (ForteBio Octet Red96e).
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 25.4 kDa. The protein migrates as 35-45 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	For long term, the product should be stored at lyophilized state at -20°C or

 Tel: 1-631-559-9269 1-516-512-3133

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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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