

Active Recombinant Human IL2RB protein(Met1-Asp239)

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

SPECIFICATION

Product Overview	Recombinant Human IL2RB protein(NP_000869.1)(Met1-Asp239) was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Asp239
similar	IL2RB
Alias	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;
Conjugate	N/A
Form	Lyophilized from sterile 100mM NaCl, 50mM Tris, pH 7.5. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bioactivity	Measured by its ability to inhibit IL15-dependent proliferation of MO7e human megakaryocytic leukemic cells in the presence of 4.0 ng/mL of recombinant human IL-15. The ED50 for this effect is 1-4µg/mL.

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MolecularMass	The mature recombinant human IL2 R β consists of 219 amino acids and has a predicted molecular mass of 25.2 kDa. As a result of glycosylation, the rh IL2 R β migrates as an approximately 40 kDa protein in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μ g of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE
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.
GeneName	IL2RB interleukin 2 receptor, beta [Homo sapiens]
GeneNameWeblink	3560
OfficialSymbol	IL2RB
OfficialSymbolWeblink	3560
GenelD	3560
GenelDWeblink	3560
mRNARefseq	NM_000878
mRNARefseqWeblink	NM_000878.2

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ProteinRefseqWeblink	NP_000869.1
MIMWeblink	146710
UniProtID	P14784
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GENE INFORMATION

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;
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