Recombinant Human IL2RB protein, His-Avi-tagged

Cat. No. IL2RB-869H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL2RB protein(NP_000869)(Ala27-Asp239) is expressed from HEK293 with His tag and Avi tag at the C-Terminus.
Species	Human
Source	HEK293
ProteinLength	Ala27-Asp239
Form	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human IL-2 R beta, His Tag at 2μg/ml (100μl/well) on the plate. Dose response curve for Biotinylated Human IL-15Ra&IL-15, hFc Tag with the EC50 of 43.7ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 27.5 kDa. Due to glycosylation, the protein migrates to 40-50 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt.

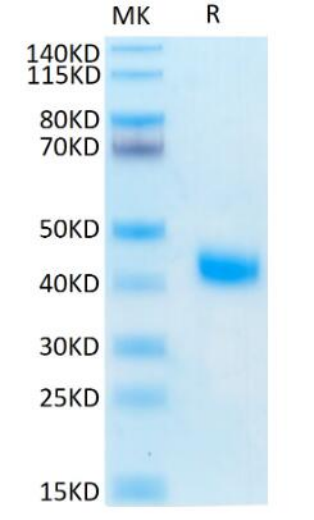
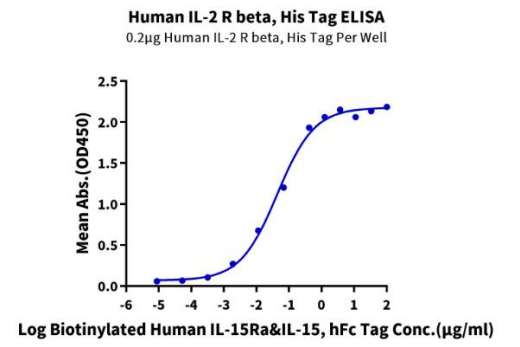
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	-80°C for 3-6 months after reconstitution. 2-8°C for 2-7 days after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. 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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Tris-Bis PAGE	
ELISA Data	

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