

Active Recombinant Rhesus IL2RB protein(Met1-Asp239), hFc-tagged

Cat. No. IL2RB-454R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant rhesus IL2RB (NP_001244989.1) (Met1-Asp239) was expressed in HEK293 with the Fc region of Human IgG1 at the C-terminus.
Species	Rhesus macaque
Source	HEK293
ProteinLength	Met1-Asp239
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its ability to inhibit IL-15-dependent proliferation of MO7e human megakaryocytic leukemic cells in the presence of 4 ng/mL of recombinant human IL-15. The ED50 for this effect is typically 0.4-2.4 µg/mL.
Molecular Mass	The recombinant rhesus IL2RB consists of 451 amino acids and predicts a molecular mass of 51.4 kDa.
Endotoxin	< 1.0 EU per µg 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.

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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.

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