Human CD122 / IL-2RB recombinant protein

Catalog Number: 502840



General Information

Gene Name Synonym

High affinity IL-2 receptor subunit beta; p70-75

Protein Construction

The mature form of human IL2 R? (NP_000869.1) extracellular domain (Met 1-Asp 239) with five amino acids (DDDDK) at the C-terminus was expressed and purified.

Organism

Human

Expression Host

Human Cells

QC Testing

Activity

Measured by its binding ability in a functional ELISA.

Immobilized human IL2Rb at 10 μ g/ml (100 μ l/well) can bind biotinylated human IL2 (Cat:11848-HNAE), The EC₅₀ of biotinylated human IL2 (Cat:11848-HNAE) is 0.1-0.24 μ g/ml.

Purity

> 90 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Ala 27

Molecular Mass

The mature recombinant human IL2 R? consists of 219 amino acids and has a predicted molecular mass of 25.2 kDa. As a result of glycosylation, the rh IL2 R? migrates as an approximately 40 kDa protein in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile 100mM NaCl, 50mM Tris, pH 7.5

- 1.5% trehalose and mannitol are added as protectants before lyophilization.
- 2. Please contact us for any concerns or special requirements.

Usage Guide

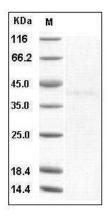
Storage

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

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Human CD122 / IL-2RB Protein SDS-PAGE