

# Mouse CD122 / IL-2RB (His Tag) recombinant protein



Catalog Number: 500936

## General Information

### Gene Name Synonym:

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

### Protein Construction:

A DNA sequence encoding the mouse IL2RB (P16297) (Met1-Glu240) was expressed with a C-terminal polyhistidine tag.

**Source:** Mouse

**Expression Host:** Human Cells

## QC Testing

### Activity:

### Purity:

> 90 % as determined by SDS-PAGE

### Endotoxin:

< 1.0 EU per  $\mu\text{g}$  of the protein as determined by the LAL method

### Stability:

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

### Predicted N terminal:

Ala 27

### Molecular Mass:

The recombinant mouse IL2RB comprises 225 amino acids and has a predicted molecular mass

of 26.5 kDa. The apparent molecular mass of the protein is approximately 45-54 kDa in SDS-PAGE under reducing conditions.

### Formulation:

Lyophilized from sterile PBS, pH 7.4.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

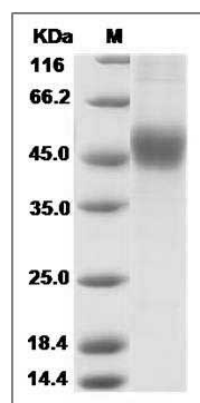
### Storage:

Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ . 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:



Mouse CD122 / IL2RB / IL2 Receptor beta Protein (His Tag) SDS-PAGE