

# Mouse CD127/IL-7RA (His Tag) recombinant protein



Catalog Number: 501777

## General Information

### Protein Construction

A DNA sequence encoding the mouse IL7R $\alpha$  (NP\_032398.3) extracellular domain (Met 1-Asp 239) was fused with a polyhistidine tag at the C-terminus.

### Organism

Mouse

### Expression Host

Human Cells

## QC Testing

### Purity

> 85 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu$ 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°C

### Predicted N terminal

Glu 21

### Molecular Mass

The recombinant mouse IL7R $\alpha$  consists of 230 amino acids and has a predicted molecular mass of 26.5 kDa. As a result of different glycosylation,

the apparent molecular mass of rmIL7R $\alpha$  is approximately 34-40 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

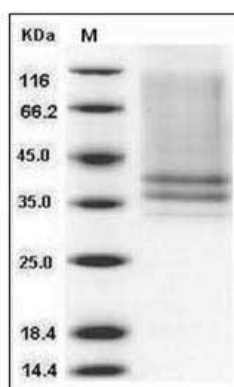
### Storage

Store it under sterile conditions at -20°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



Mouse IL7RA / CD127 Protein (His Tag) SDS-PAGE