

# Mouse Klrb1a (His Tag) recombinant protein



Catalog Number: 500045

## General Information

### Gene Name Synonym

CD161 antigen-like family member A; Lymphocyte antigen 55A; NKR-P1.7; Natural killer cell surface protein P1-2

### Protein Construction

A DNA sequence encoding the secreted form of mouse Klrb1a (P27811) (Gln 67-His 227) was fused with a polyhistidine tag at the N-terminus.

### Organism

Mouse

### Expression Host

Human Cells

## QC Testing

### Purity

> 95 % 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

His

### Molecular Mass

The secreted recombinant mouse Klrb1a

comprises 180 amino acids and predicts a molecular mass of 21 kDa. As a result of glycosylation, the apparent molecular mass of mouse Klrb1a is approximately 30-35 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

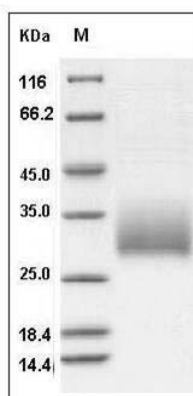
### Storage

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 NKR-P1A / Klrb1a Protein (His Tag) SDS-PAGE