

# Mouse KIM-1/TIM1/HACVR1 (His Tag) recombinant protein



Catalog Number: 503808

## General Information

### Gene Name Synonym

Hepatitis A virus cellular receptor 1, isoform CRA\_b

### Protein Construction

A DNA sequence encoding the extracellular domain of mouse HAVCR1 isoform b (NP\_001160104.1) (Tyr 22-Thr 212) was fused with a polyhistidine tag at the N-terminus.

### Organism

Mouse

### Expression Host

Human Cells

## QC Testing

### Purity

> 98 % 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 recombinant mouse HAVCR1 comprises 207

amino acids and predicts a molecular mass of 23 kDa. As a result of glycosylation, the apparent molecular mass of mouse HAVCR1 is approximately 42-47 kDa in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile PBS, 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

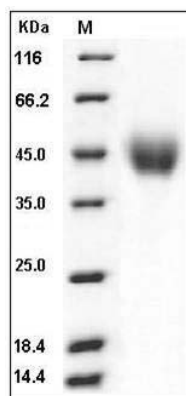
### Storage

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



Mouse KIM-1 / TIM1 / HAVCR1 Protein (His Tag)  
SDS-PAGE