

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



Catalog Number: 500220

## General Information

### Gene Name Synonym

Kidney injury molecule 1; T cell immunoglobulin and mucin domain-containing protein 1

### Protein Construction

A DNA sequence encoding the extracellular domain of rat HAVCR1 (NP\_775172.1) (Ser 18-Val 238) was expressed, fused with a polyhistidine tag at the N-terminus.

### Organism

Rat

### Expression Host

Human Cells

## QC Testing

### Purity

> 97 % 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 rat HAVCR1 comprises 237

amino acids and predicts a molecular mass of 26.7 kDa. As a result of glycosylation, the apparent molecular mass of the rat HAVCR1 is approximately 55-65 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

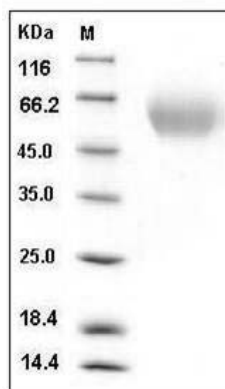
### Storage

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



Rat KIM-1 / TIM1 / HACVR1 Protein (His Tag)  
SDS-PAGE