

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 μg 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

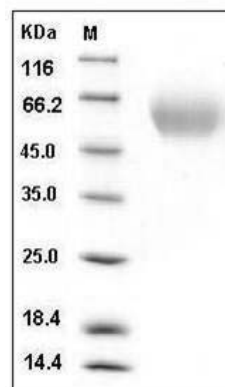
Store it under sterile conditions at -20°C to -80°C .

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



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SDS-PAGE