

Human KIM-1/TIM1/HACVR1 (aa 1-135, His Tag) recombinant protein



Catalog Number: 503114

General Information

Gene Name Synonym

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

Protein Construction

A DNA sequence encoding the N-terminal fragment (Met 1-Val 135) of human KIM1 (AAC39862.1) extracellular domain was fused with a polyhistidine tag at the C-terminus.

Organism

Human

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

Ser 21

Molecular Mass

The recombinant human KIM1 (aa 1-135) comprises 143 amino acids and predicts a molecular mass of 15.8 kDa. As a result of glycosylation, the apparent molecular mass of KIM1 (aa 1-135) is approximately 22-26 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

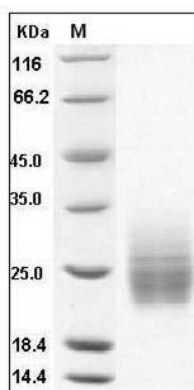
Storage

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



Human KIM-1 / TIM1 / HAVCR1 Protein (aa 1-135, His Tag) SDS-PAGE