

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



Catalog Number: 502858

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 C-terminus and the Fc region of human IgG1 at the N-terminus.

Organism

Mouse

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

Glu 20

Molecular Mass

The recombinant mouse HAVCR1/Fc is a disulfide-

linked homodimer. The reduced monomer comprises 438 amino acids and predicts a molecular mass of 49 kDa. As a result of glycosylation, the apparent molecular mass of HAVCR1/Fc monomer is approximately 80-85 kDa in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile 20mM Tris-Citrate, 150mM NaCl, pH 6.5

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

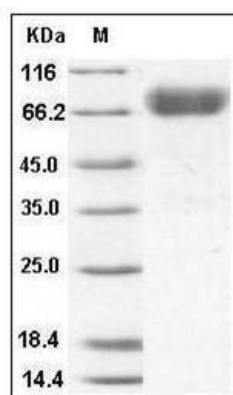
Storage

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



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