HCV HCV-E1 / Envelope Glycoprotein E1 (His Tag)

Catalog Number: 500213

General Information

Gene Name Synonym

Core protein p21; Capsid protein C; p21; Core protein p19; Envelope glycoprotein E1; gp32; gp35; Envelope glycoprotein E2; NS1; gp68; gp70; p7; Protease NS2-3; Serine protease NS3; Hepacivirin; NS3P; p70; Non-structural protein 4A; p8; Non-structural protein 4B; p27; Non-structural protein 5A; p56; RNA-directed RNA polymerase; NS5B; p68

Protein Construction

A DNA sequence encoding the envelope glycoprotein E1 of Hepatitis C virus (subtype 1b, strain HC-J4) (AAC15725.1) (Tyr192-Ile340) was expressed with a polyhistidine tag at the N-terminus.

Organism

HCV

Expression Host

Human Cells

QC Testing

Purity

> 95 % 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℃

Predicted N terminal

His

Molecular Mass

The recombinant envelope glycoprotein E1 of Hepatitis C virus (subtype 1b, strain HC-J4) consists 168 amino acids and predicts a molecular mass of 18.7 kDa.

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

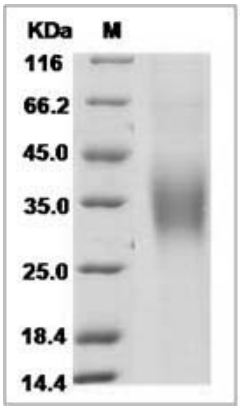
Storage

Store it under sterile conditions at -20℃ to -80℃. 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



Hepatitis C virus Envelope Glycoprotein E1 / HCV-E1 (subtype 1b, strain HC-J4) Protein (His Tag)