# HCV HCV-E2 (His Tag) recombinant protein

Catalog Number: 501807

## 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 Hepatitis C virus(serotype 1c,isolate HC-G9) E2 (BAA03581.1) (Glu384-Glu661) was expressed with a polyhistidine tag at the C-terminus.

### Organism

HCV

### Expression Host

Human Cells

## QC Testing

### Purity

> 95 % as determined by SDS-PAGE.

### Endotoxin

<1.0 EU per μg 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

Glu 384

### Molecular Mass

The recombinant Hepatitis C virus(serotype 1c,isolate HC-G9) E2 consists 289 amino acids and predicts a molecular mass of 32.2 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

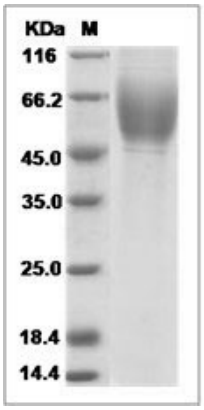
### Storage

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 (HCV) (serotype 1c,isolate HC-G9) E2 Protein (His Tag)