

HCV NS3 protease / helicase (aa 1356-1459, GST Tag) recombinant protein



Catalog Number: 504440

General Information

Protein Construction

A DNA sequence encoding the Hepatitis C virus (HCV)(serotype 1a, isolate H77) NS3 (NP_803144.1) (Thr1356-Thr1459) was expressed with a GST tag at the N-terminus.

Organism

HCV

Expression Host

E. coli

QC Testing

Purity

> 95 % as determined by SDS-PAGE.

Endotoxin

Please contact us for more information.

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Met

Molecular Mass

The recombinant Hepatitis C virus (HCV)(serotype 1a, isolate H77) NS3 consists 335 amino acids and predicts a molecular mass of 37.9 kDa.

Formulation

Lyophilized from sterile 50 mM Tris, 500 mM NaCl.

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

Usage Guide

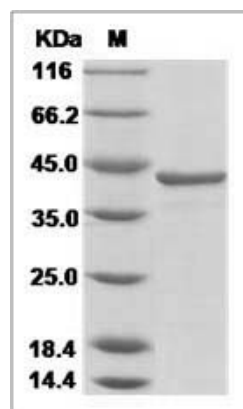
Storage

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



Hepatitis C virus (HCV-1a) NS3 protease / helicase immunodominant region Protein (aa 1356-1459, GST Tag)