

**HCV NS4 Antigen
Recombinant
Fluorescein Conjugate**

Product Number **H 9659**
Storage Temperature -20 °C

Product Description

Hepatitis C Virus (HCV) NS4a+b antigen, amino acids 1658 to 1863, is expressed in *E. coli* as the β-galactosidase tagged protein. The antigen is fused to the N-terminal of β-galactosidase. The fusion protein is then labeled with fluorescein. It reacts positively with Human HCV serum and may be used to detect the HCV antibody in various immunoassay procedures.

Supplied as a solution at a concentration of 1 mg/ml in 20 mM Tris-HCl, pH 8.0, containing 8 M urea and 10 mM β-mercaptoethanol.

Purity: minimum 95% (SDS-PAGE)

Product Information

Precautions and Disclaimer

This product is for laboratory use only. Please consult the Material Data Safety Sheet for information regarding hazards and safe handling practices.

Storage/Stability

This product ships on dry ice and is stable at -20 °C for at least a year. Upon thawing, store 2 to 4 °C for one month or as frozen aliquots at -20 °C. Avoid repeated freeze-thaw cycles.

References

1. De Francesco, R., *et al.*, Biochemical and immunologic properties of the nonstructural proteins of the hepatitis C virus: implications for development of antiviral agents and vaccines. *Semin. Liver Dis.*, **20**, 69-83 (2000).

MDS/AGW 12/01

Sigma brand products are sold through Sigma-Aldrich, Inc.

Sigma-Aldrich, Inc. warrants that its products conform to the information contained in this and other Sigma-Aldrich publications. Purchaser must determine the suitability of the product(s) for their particular use. Additional terms and conditions may apply. Please see reverse side of the invoice or packing slip.