



**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  $\beta$ -galactosidase tagged protein. The antigen is fused to the N-terminal of  $\beta$ -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  $\beta$ -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).

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