



## PRODUCT CERTIFICATE

### Hepatitis C Virus NS4 antigen (Rhodamine)

- Catalog Number:** 00116-V-R
- Product Description:** HCV NS4 antigen (recombinant)  
NS4a+b a.a 1658 to a.a 1863 of HCV  
polyprotein, 19 kDa  
Rhodamin conjugate
- Fusions:**  $\beta$ -galactosidase (114 kDa) fused at the  
N-Terminus
- Origin:** E. coli, recombinant
- Purity:** >95% pure; Purity: of proteins is  
evaluated by SDS-PAGE, by measuring  
optical density at 280 nm and by  
method of Bradford et al.
- Buffer/Composition:** 1.2 M Urea; 20 mM Tris-HCl pH 8.0;  
10 mM  $\beta$ -mercaptoethanol
- Concentration:** 1 mg/ml, bulk amount available upon  
request
- Storage:** Long Term: -80°C  
Short Term: 4°C (Three month or less)
- Shipping:** Cold pack
- Comments:** Reacts strongly with human HCV  
positive serum

The products are for laboratory research use or further manufacturing only and should not be used for human therapeutic or diagnostic applications.

---

200 Dexter Avenue, Watertown, MA 02472 USA Phone: (617) 926-9167 Fax: (617) 926-9157  
(800) VIROGEN (847-6436)  
[www.virogen.com](http://www.virogen.com)