



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Data Sheet

### HCV1a (D168V)

Recombinant, N-terminal FLAG-His tag  
**Catalog #:** 80103  
**Lot #:** 130808      **Conc.:** 0.084 mg/ml

**Formulated in:** 40 mM Tris-HCl, pH 8.0, 110 mM NaCl, 2.2 mM KCl, 0.04% Tween-20, 20% glycerol, and 250 mM imidazole.

**Stability:** >6 months at  $-70^{\circ}\text{C}$ . Avoid freeze/thaw cycles.

#### References:

1. Lin, C., *et al.*, *Hepatitis C Virus*. Norfolk (UK): Horizon Bioscience; 2006. Chapter 6.
2. Prabhu, R., *et al.*, *Exp Mol Pathol*. 2004 Jun; **76(3)**:242-52.

#### Description:

Fusion protein corresponding to the serine protease NS3 (a.a. 3-181) and cofactor NS4A (a.a. 21-32) from Hepatitis C virus genotype 1a (GenBank Accession No. NC\_004102) with Asp-to-Val mutation on a.a. 168, and N-terminal FLAG-His tag, MW = 22.4 kDa, expressed in an *E. coli* expression system.

#### Application:

Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.

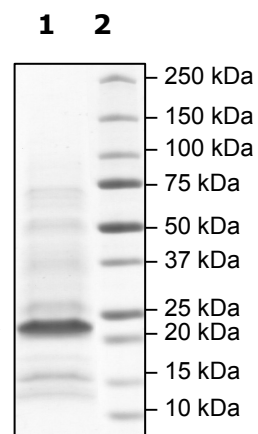
## Quality Assurance

#### 4-20% SDS-PAGE Coomassie staining

**Lane 1:**  
1.6  $\mu\text{g}$  HCV1a (D168V)

**Lane 2:**  
Protein Marker

**Purity:**  $\geq 53\%$   
**MW:** 22.4 kDa →



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**Sequence:**

MDYKDDDDKHHHHHGCVVIVGRIVLSGSGSITAYAQQTRGLLGCIITSLTGRDKNQV  
EGEVQIVSTATQTFLATCINGVCWTVYHGAGTRTIASPKGPVIQMYTNVDQDLVGWPA  
PQGSRLTPCTCGSSDLVTRHADVIPVRRRGDSRGSLLSPRPISYLKGSSGGPLLC  
PAGHAVGLFRAAVCTRGVAKAVVIFIPVENLETTMRS

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