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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Data Sheet

HCV1b (D168V)

Recombinant, N-terminal Flag-His tag
Catalog #: 80110
Lot #: 120927-C **Conc.:** 0.225 mg/ml

Formulated in: 40 mM Tris-HCl, pH 8.0, 400 mM NaCl, 0.2% Triton X-100, 10 mM β -mercaptoethanol, 100 μ g/mL Flag peptide, and 30% glycerol.

Stability: >6 months at -80°C

References:

1. Lin, C., *et al.*, *Hepatitis C Viruse*. Norfolk (UK): Horizon Bioscience; 2006. Chapter 6.
2. Lang Kuhs, K.A., *et al.*, *Mol. Ther.* 2012 May; **20(3)**:669-678.
3. Massariol, M.J., *et al.*, *Biochem Biophys Res Commun.* 2010 Jan 1; **391(1)**:692-

Description:

Hepatitis C virus (HCV) genotype 1b, also known as HCV1b, is a fusion protein of a.a. 21-32 of NS4A, linker (4 a.a.) and a.a. 3-181 of NS3 (GenBank Accession No. AF054247) with Asp-to-Val mutation on a.a. 168, and N-terminal Flag-His tag, MW = 22.3 kDa, expressed in an *E. coli* expression system.

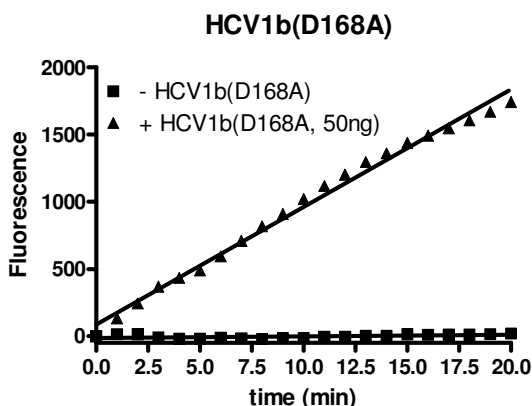
Specific Activity: 45 pmole/min/ μ g

Assay conditions: Assay was done in 100 μ l HCV assay buffer containing 50 mM Tris, pH7.4, 150 mM NaCl, 5 mM DTT, 10% glycerol, and 5 μ M HCV substrate peptide. Reaction was monitored at room temperature for 20 min continuously at ex350/em500.

Application:

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

Quality Assurance

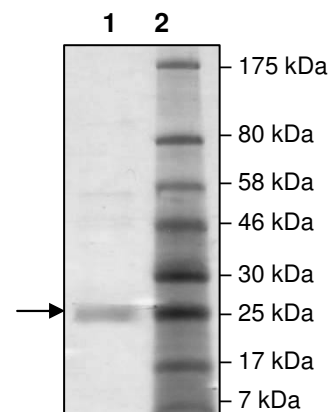


4-20% SDS-PAGE Coomassie staining

Lane 1:
2 μ g HCV1b(D168V)

Lane 2:
Protein Marker

MW: 22.3 kDa
Purity: $\geq 90\%$



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Amino Acid Sequence:

MDYKDDDDKHHHHHGSVVIVGRIILSGSGSITAYSQQTRGVLGCIITSLTGRDKNQVE
GEVQVVSTATQSFLATCINGVCWTVYHGAGSKTLGPKGPITQMYTNVDL DLVGWQ
APPGARSMTPCSCGSSDLYLVTRHADVIPVRRRGDSRGSLSPRPVSYLKSSGGPL
LCPSGHVVGVFRAAVCTRGVAKAVVFIPVESMETMRS

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