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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Data Sheet

HCV1b (R155K)

Recombinant, N-terminal Flag-His tag
Catalog #: 80109
Lot #: 120927-C **Conc.:** 0.18 mg/ml

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

Stability: >6 months at -70°C

References:

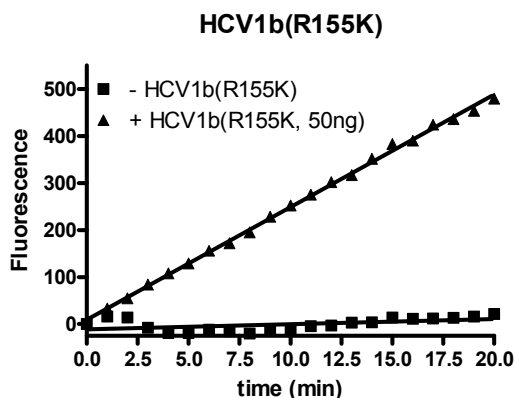
1. Lin, C., *et al.*, *Hepatitis C Virus*. Norfolk (UK): Horizon Bioscience; 2006. Chapter 6.
2. Lang Kuhs, K.A., *et al.*, *Mol. Ther.* 2012 May; **20(3)**:669-678.
3. Massariol, M.J., *et al.*, *Biochem Biophys Res Commun.* 2010 Jan 1; **391(1)**:692-697.

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 1b (GenBank Accession No. AF054247) with Arg-to-Lys mutation on a.a. 155, and N-terminal Flag-His tag, MW = 22.3 kDa, expressed in an *E. coli* expression system.

Specific Activity: 12 pmole/min/µg
 Assay conditions: Assay was done in 100 µl HCV assay buffer containing 50 mM Tris, pH 7.4, 150 mM NaCl, 5 mM DTT, 10% glycerol, and 5 µM fluorescently labeled 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.

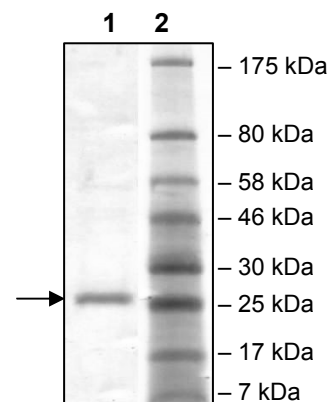
Quality Assurance



4-20% SDS-PAGE
Coomassie staining

Lane 1:
 2 µg HCV1b(R155K)
Lane 2:
 Protein Marker

MW: 22.3 kDa
Purity: ≥90%



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Amino Acid Sequence:

MDYKDDDDKHHHHHGSVVIVGRIILSGSGSITAYSQQTRGVLGCIITSLTGRDKNQVE
GEVQVVSTATQSFLATCINGVCWTVYHGAGSKTLGPKGPITQMYTNVDL DLVGWQ
APPGARSMTPCSCGSSDLYLVTRHADVIPVRRRGDSRGSLLSPRPVSYLKGSSGGPL
LCPSGHVVGVFKA**AAVCTRGVAKAVDFIPVESMETMRS**

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