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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

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Data Sheet

HCV1b (R155Q)

Recombinant, N-terminal Flag-His tag
Catalog #: 80104
Lot #: 130829-1 **Conc.:** 0.15 mg/ml

Formulated in: 40 mM Tris-HCl, pH 8.0, 110 mM NaCl, 2.2 mM KCl, 0.04% Tween-20, 335 mM imidazole, and 20% glycerol.

Stability: >6 months at -70°C. *Avoid freeze/thaw cycles.*

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, MJ., *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-Gln mutation on a.a. 155, and N-terminal Flag-His tag, MW = 22.3 kDa, expressed in an *E. coli* expression system.

Application:

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

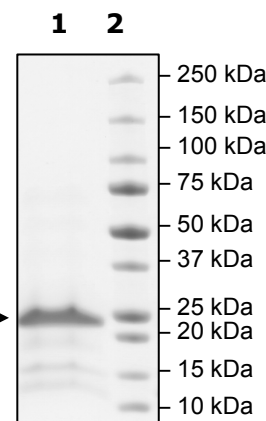
Quality Assurance

4-20% SDS-PAGE Coomassie staining

Lane 1:
5 µg HCV1b (R155Q)

Lane 2:
Protein Marker

Purity: ≥80%
MW: 22.3 kDa →



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Sequence:

MDYKDDDDKHHHHHGSVVIVGRIIL**SGSG**SITAYSQQTRGVLGCIITSLTGRDKNQVE
GEVQVVSTATQSFLATCINGVCWTVYHGAGSKTLAGPKGPITQMYTNVDL DLVGWQ
APPGARSMTPCSCGSSDLYLVTRHADVIPVRRRGDSRGSLLSPRPVSYLKSSGGPL
LCPSGHVVGVF**Q**AAVCTRGVAKAVDFIPVESMETMRS

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