

Product Information

HCV NS3 Antigen, 22 kDa recombinant, expressed in *Escherichia coli*

Catalog Number **H9284**
Storage Temperature -20°C

Product Description

Hepatitis C Virus (HCV) NS3 antigen, amino acids 1450–1643 of the polyprotein, is expressed in *E. coli*. β -Galactosidase (114 kDa) is fused at the N-terminal of the antigen.

The NS3 proteinase is a non-structural, hepatitis C viral protein responsible for proteolytic processing of other non-structural proteins. It is responsible for proteolytic processing of the entire downstream region of the HC polyprotein.

Supplied as a solution in 20 mM Tris-HCl, pH 8.0, containing 8 M urea and 10 mM 2-mercaptoethanol.

Purity: $\geq 90\%$ (SDS-PAGE)

Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

Storage/Stability

This product ships on dry ice and remains active at -20°C for at least a year. Upon thawing, store $2-8^{\circ}\text{C}$ for one month or as frozen aliquots at -20°C . Avoid repeated freeze-thaw cycles.

References

1. De Francesco, R., et al., The hepatitis C virus NS3 proteinase: structure and function of the zinc-containing serine protease. *Antivir. Ther.*, **3**, 99-109 (1998).

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