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Schillerstr. 5

AR51559PU-S HCV NS5A (2210-2306, His-tag) - Purified

Alternate names: Hepatitis C Virus Non-structural protein NS5A

Quantity: 20 μg

Concentration: 0.25 mg/ml (determined by Bradford assay)

Background: NS5A is a component of the replication complex involved in RNA-binding. Its

interaction with Human VAPB may target the viral replication complex to vesicles. This protein down-regulates viral IRES translation initiation and mediates interferon resistance, presumably by interacting with and inhibiting human EIF2AK2/PKR. NS5a

seems to inhibit apoptosis by interacting with BIN1 and FKBP8. The hyperphosphorylated form of NS5A is an inhibitor of viral replication.

NCBI: <u>NP 671491</u>

Format: State: Liquid purified protein

E. coli

Purity: >90% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 40% glycerol,

1mM DTT

Description: Recombinant HCV(Hepatitis C Virus) NS5b protein, fused to His-tag at N-terminus, was

expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MGSSHHHHHH SSGLVPRGSH MSLKATCTAN HDSPDAELIE ANLLWRQEMG

GNITRVESENKVVILDSFDP LVAEEDEREV SVPAEILRKS RRFARALPVW ARPDYNPPLV

ETWKKPDY

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Molecular weight: 13.4 kDa (118aa) confirmed by MALDI-TOF

Storage: Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

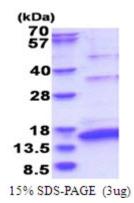
Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings: Taylor D.R., et al. (2001) J. Virol. 75:1265-1273 Kalliampakou K.I., et al. (2015) J. Gen.

Virol. 86:1015-1025

Pictures:

Source:



MP/20131001