9051 Mira Mesa Blvd, #910094
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HCV NS5A

Hepatitis C Virus NS5A Recombinant
VAG0289

Product Overview

Name	HCV NS5A
Description	
Hepatitis C Virus NS5A Recombinant	
Accession (Primary)	P27958
Introduction	
NS5A is a component of the replication complex which takes part in RNA-binding. NS5A protein's hyperphosphorylated form is an inhibitor of viral replication. NS5A interacts with Human VAPB and through it targets the viral replication complex to vesicles. NS5A down-regulates viral IRES translation initiation and mediates interferon resistance by interacting and inhibiting human EIF2AK2/PKR. NS5a is also inhibits apoptosis by interacting with BIN1 and FKBP8.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
The HCV NS5A protein solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 40% glycerol and 1mM DTT.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH M SLKATCTAN HDSPDAELIE ANLLWRQEMG GNITRVESEN KVVILDSFDP LVAEEDEREV SVPAEILRKS RRFARALPVW ARPDYNPPLV ETWKKPDY.	
Precautions	
HCV NS5A is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (P27958)