

Hepatitis C Virus NS5B (2634-2752 a.a) Recombinant

Item Number rAP-5235

Synonyms

Description Recombinant Hepatitis C Virus NS5B produced in E. coli is a single polypeptide chain containing 155 amino acids (aa 2634-2752) and having a molecular mass of 17kDa (NCBI Accession # NP_671491). Recombinant HCV NS5B is fused to a 36 amino acid His-tag at N-terminus & purified by

Uniprot Accession Number

Amino Acid Sequence MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSPMGF SYDTRCFDST VTESDIRTEE AI-YQCCDLDP QARVAIKSLT ERLYVGGLPT NSRGECGYR RCRASGVLTT SCGNTLTCYI KARAACRAAG LQDCTMLVCG DDLVVICESA GVQED.

Source Escherichia Coli.

Physical Appearance and Stability Sterile filtered colorless solution. 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.

Formulation and Purity The HCV NS5B protein solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT. Greater than 90% as determined by SDS-PAGE.

Application

Solubility

Biological Activity

Shipping Format and Condition Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**