

Hepatitis C Virus Nucleocapsid (core) 1-120 a.a. Recombinant

Item Number rAP-5238

Synonyms

Description Recombinant HCV Core 1-120 produced in E. coli is a single polypeptide chain containing 140 amino acids (aa 1-120) and having a molecular mass of 15.7kDa. Recombinant HCV Core 1-120 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Uniprot Accession Number

Amino Acid Sequence MGSSHHHHHH SSGLVPRGSH MSTNPKPQRK TKRNTNRRPQ DVKFPGGGQI VGGVYLLPRR
GPRLGVRATR KTSERSQPRG RRQPIPKARR PEGRTWAQPG YPWPLYGNEG CGWAGWLLSP
RGSRPSWGPT DPRRRSRNLG.

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 Core protein solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. Greater than 85% 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**