

The invention relates to molecular biology, genetic engineering and can be used in biotechnological synthesis of the pCore protein of Hepatitis C virus and in medicine for construction of test systems suitable for revealing of antibodies to Hepatitis C virus in patient blood sera.

The plasmid expressing vector pKCore 101 encodes the sequence of the NS4-pCore protein of Hepatitis C virus of the general formula (N-6era-Gal-NS4-pCore-COOH), molecular weight of 56 kD, producing the strain of E.coli ITG-10 bacteria under control of phage lambda promotor.