

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 pCore protein of Hepatitis C virus of the general formula (N-beta-Cal-pCore-COOH), molecular weight of 132 kD, producing the strain of E.coli ITG-10 bacteria under control of phage lambda promotor.