

The invention relates to molecular biology, genetic engineering and can be used in biotechnological synthesis of 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 plasmide expressing vector encodes the sequence of pCore protein of Hepatitis C virus of the general formula of (N-beta-Gal-pCore-COOH), of molecular weight of 49.6 kD under the control of the phage lambda C promotor, producing the strain of E.coli ITG-102 bacteria.