CLAIMS

1. A method for producing a horseshoe crab Factor C comprising an amino acid sequence shown in SEQ ID NO: 2 or having an identity not less than 90% to the full length of the amino acid sequence shown in SEQ ID NO:2 and having factor C activity, which is a recombinant protein which does not have a His-tag sequence at the C-terminus or any other peptide at either terminus and is obtained from insect cells as a host:

the method comprising the steps (A) to (D) below:

(A) a step of incorporating DNA encoding the amino acid sequence of the Factor C into a viral DNA;

(B) a step of infecting insect cells with the virus into which said DNA was incorporated;

(C) a step of allowing insect cells infected with said virus to express the protein encoded by said DNA; and

(D) a step of recovering the Factor C as a solution and eliminating the virus using a hollow fibre filtration membrane having a pore size of 500 kDa.

2. A method for producing a horseshoe crab Factor C comprising an amino acid sequence shown in SEQ ID NO: 2 or having an identity not less than 90% to the full length of the amino acid sequence shown in SEQ ID NO:2 and having factor C activity, which is a recombinant protein which does not have a His-tag sequence at the C-terminus or any other peptide at either terminus and is obtained from insect cells as a host:

the method comprising the steps (A) to (D) below:

(A) a step of incorporating DNA encoding the amino acid sequence of the Factor C into a vector;

(B) a step of introducing the vector, into which said DNA was

incorporated, into insect cells to incorporate said DNA into the chromosome of the insect cells;

(C) a step of allowing the insect cells, into which said DNA was incorporated, to express the protein encoded by said DNA; and

(D) a step of recovering the Factor C as a solution.