designed mutation was confirmed to be introduced was designated as pTrc43SCcHis-g325a/g572a. The plasmid pTrc43SCcHis-g325a/g572a is designed so that it can express a protein having an amino acid sequence in which an amino acid sequence composed of 8 amino acids including consecutive 6 residues of histidine (SEQ ID NO: 45: LeuGluHisHisHisHisHisHis) is added to the carboxy terminus of an altered amino acid sequence having substitution of the 109th valine by isoleucine and substitution of the 191st glycine by aspartic acid in an amino acid sequence represented by SEQ ID NO: 3.

[0144]

(6) Recombinant Vector Containing Polynucleotide Encoding Present Invented Protein (A) Having Altered Amino Acid Sequence V109I/Q246R

Using an oligonucleotide having a base sequence represented by SEQ ID NO: 38 and an oligonucleotide having a base sequence represented by SEQ ID NO: 39, which are primers for mutation introduction for converting the 737th ~~guanine~~ adenine in a base sequence represented by SEQ ID NO: 13 to ~~adenine~~guanine, as a primer, PCR was performed using the plasmid pTrc43SCcHis-g325a mentioned in Example 7 (2) as a template and with the following reaction solution composition using the QuikChange II Site-Directed Mutagenesis Kit (manufactured by STRATAGENE).

[Reaction Solution Composition]

DNA solution of pTrc43SCcHis-g325a:	1 µl
dNTP mix (contained in the above Kit):	1 µl
Sense primer (50 µM):	0.4 µl
Antisense primer (50 µM):	0.4 µl

(7) Recombinant Vector Containing Polynucleotide Encoding Present Invented Protein (A) Having Altered Amino Acid Sequence G191D/Q246R

Using an oligonucleotide having a base sequence represented by SEQ ID NO: 38 and an oligonucleotide having a base sequence represented by SEQ ID NO: 39, which are primers for mutation introduction for converting the 737th ~~guanine~~ adenine in a base sequence represented by SEQ ID NO: 13 to ~~adenine~~guanine, as a primer, PCR was performed using the plasmid pTrc43SCcHis-g572a mentioned in Example 7 (3) as a template and with the following reaction solution composition using the QuikChange II Site-Directed Mutagenesis Kit (manufactured by STRATAGENE).

[Reaction Solution Composition]

DNA solution of pTrc43SCcHis-g572a:	1 µl
dNTP mix (contained in the above Kit):	1 µl
Sense primer (50 µM):	0.4 µl
Antisense primer (50 µM):	0.4 µl
10xbuffer (contained in the above Kit):	5 µl
PfuUltra (contained in the above Kit):	1 µl
Ultrapure water:	41.2 µl

A container containing a reaction solution with the above composition was set in a thermal cycler (PERKIN ELMER-GeneAmp PCR System 2400) and incubated at 95°C for one minute, and an incubation cycle consisting of incubation at 95°C for 50 seconds, followed by 60°C for one minute, followed by 68°C for 5.5 minutes was performed 12 times, and then the solution was stored at 4°C.

To the PCR reaction solution thus obtained, 1 µl of a DpnI restriction enzyme (contained in the above Kit) was