CLAIMS

1. An isolated polynucleotide molecule comprising a nucleotide sequence selected from the group consisting of (i) to (ii):

(i) a sequence of any of SEQ ID NOs: 3-9;

(ii) a reverse complementary sequence of the sequence of any of SEQ ID NOs: 3-9.

2. A vector comprising a polynucleotide molecule according to claim 1.

3. The vector according to claim 2, wherein the vector is a recombinant expression vector.

4. The vector according to claim 2 or 3, further comprising a nucleotide sequence selected from the group consisting of (iii) to (vi):

(iii) a sequence of SEQ ID NO: 13;

(iv) a reverse complementary sequence of the sequence of SEQ ID NO: 13;

(v) a reverse complementary sequence of a sequence capable of hybridizing with the sequence of (iii) or (iv) under a high stringency hybridization condition or a very high stringency hybridization condition; and

(vi) a sequence having at least 80% sequence identity, or at least 90% sequence identity, alternatively at least 95% sequence identity, preferably at least 97% sequence identity, more preferably at least 98% sequence identity, most preferably at least 99% sequence identity with the sequence of (iii) or (iv).

5. The vector according to any of claims 2-4, further comprising a CMV promoter; preferably, the CMV promoter comprises a nucleotide sequence of SEQ ID NO: 16, or the CMV promoter comprises a sequence having at least 80% sequence identity, or at least 90% sequence identity, alternatively at least 95% sequence identity, preferably at least 97% sequence identity, more preferably at least 98% sequence identity, most preferably at least 99% sequence identity with the sequence of SEQ ID NO: 16.

6. The vector according to claim 5, comprising a combination of (1) a sequence of SEQ ID NO: 4; (2) a sequence of SEQ ID NO: 13 or a sequence having 90% identity thereto; and (3) a sequence of SEQ ID NO: 16 or a sequence having 90% identity thereto.

7. The vector according to any of claims 2-6, further comprising one or more genes encoding one or more proteins.

8. The vector according to claim 7, wherein the protein is selected from a group consisting of an antibody, a fusion protein, an enzyme, a soluble protein, a membrane protein, a structural protein, a ribosome protein, a zymogen, a cell surface receptor protein, a transcriptional regulatory protein, a translational regulatory protein, a chromatin protein, a hormone, a cell cycle regulatory protein, a G protein, a neuroactive peptide, an immunomodulatory protein, a blood component protein, an ion gate protein, a heat shock protein, dihydrofolate reductase, an antibiotic resistance protein, a functional fragment of any one of the proteins, an epitope fragment of any one of the proteins, and any combination thereof.

9. A recombinant host cell comprising the vector according to any of claims 2-8.

10. A method of preparing a recombinant host cell which stably expresses a protein, comprising a step of inserting into a host cell the vector according to any of claims 2-8.

11. The recombinant host cell according to claim 9 or the method according to claim 10, wherein the host cell is a Chinese hamster ovary (CHO) cell.

12. A method of preparing a protein, comprising a step of culturing the recombinant host cell according to claim 9 or 11 under conditions that allow production of the protein.

13. A kit comprising the recombinant host cell according to claim 9 or 11.

14. Use of the recombinant host cell according to claim 9 or 11 in the preparation of a reagent or a kit for detecting a disease due to the abnormality of protein expression.

15. Use of the recombinant host cell according to claim 9 or 11 in the preparation of a drug for treating or preventing a disease.