ABSTRACT

It is an object of the present invention to provide a method for increasing protein yield in recombinant DNA method using mammalian cell. When a mild low temperature transcription control element comprising at least one nucleotide sequence:

$x_1CCCCX_6x_7X_8$

wherein x_1 represents t, g, or a; x_6 represents g, a, or c; x_7 represents c, a or t; x_8 represents c, a or t, or a nucleotide sequence complementary to the nucleotide sequence is used as an enhancer and mammalian cells are cultivated at a mild low temperature, the transcription of a desired protein is accelerated.

When mild low temperature translation control element of SEQ ID NO: 23 is placed 5' to a coding sequence and 3' to a promoter, and mammalian cells are cultivated at a mild low temperature, the translation of a desired protein is accelerated.

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