Abstract

An object of the present invention is to provide an expression vector which enables easy obtainment of high-level productive strains, using a mammalian cell, and especially, a Chinese hamster ovary cell (CHO cell) as a host. The present invention provides an expression vector inducing high productivity of genetically recombinant proteins in animal host cells, which comprises a highly expression-inducible promoter, a multicloning site for insertion of gene and a polyadenylation signal sequence in this order from upstream, and further comprises downstream thereof a drug resistant gene that does not have a promoter capable of acting in animal cells.