Abstract

FUSION POLYPEPTIDE AGAINST EB VIRUS-INDUCED TUMOR AND COLICIN IA MUTANT

The present invention provides a fusion polypeptide against EB virus-induced tumor, which comprises an antibody or a mimetic antibody against EB virus and an ion channel forming colicin selected form E1, Ia, Ib, A, B, N and their mutants. The present invention also provides a colicin Ia mutant, which comprises mutations of G11A, H22G, A26G, V31L, and H40D. The present invention also provides a gene, vector, preparation method and use of the fusion polypeptide, and provides a gene and use of the mutant.