

Abstract

Lactic acid bacteria for suppressing purine absorption and use thereof are provided. The present invention relates to a method of screening for lactic acid bacteria having an enhanced ability to convert a purine base into a purine nucleotide, comprising culturing lactic acid bacteria in a solution comprising adenine, 5-phospho-D-ribose-1-diphosphate, and Mg^{2+} , and comparing the resulting activity of converting adenine to adenylic acid as an index of the ability with that of *Lactobacillus gasseri* ATCC 33323 strain; and a conversion agent for converting a purine base into a purine nucleotide, comprising lactic acid bacteria obtainable according to the method as an active component, and use thereof.