NOVEL ALCOHOL DEHYDROGENASE, GENE FOR THE ALCOHOL DEHYDROGENASE, VECTOR, TRANSFORMANT, AND METHOD FOR PRODUCTION OF OPTICALLY ACTIVE ALCOHOL BY USING THEM

ABSTRACT

An object of the present invention is to provide a novel alcohol dehydrogenase, a gene for the alcohol dehydrogenase, a vector including the gene, a transformant transformed with the vector, and a method for producing an optically active alcohol by utilizing them. A feature of the present invention directs to a novel polypeptide isolated from Candida maltosa, a DNA coding for the polypeptide, and a transformant producing the polypeptide. Another feature of the present invention directs to a method for producing an optically-active alcohol by reducing a carbonyl compound with the polypeptide or the transformant.

No suitable figure.