

Abstract of the disclosure:

There is disclosed the production of D-N-carbamoyl-
 α -amino acids from 5-substituted hydantoins using a
hydantoinase produced from a transformant microorganism
5 transformed with a recombinant DNA of a DNA fragment contain-
ing a gene for a hydantoinase derived from a specific
microorganism of the genus Bacillus, Agrobacterium or
Pseudomonas and a vector DNA.