

Title (en)

PROLINE IMINOPEPTIDASE, PROCESS FOR ITS PREPARATION AND ITS USE IN THE FLAVOURING OF FOOD COMPOSITIONS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON PROLIN-IMINOPEPTIDASE UND IHRE ANWENDUNG ZUR AROMATISIERUNG VON LEBENSMITTELN

Title (fr)

PROCEDE DE PREPARATION DE PROLINE-IMINOPEPTIDASE ET SON UTILISATION DANS L'AROMATISATION DE COMPOSITIONS ALIMENTAIRES

Publication

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Application

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Abstract (en)

[origin: WO9426882A1] A novel proline iminopeptidase which is a metal dependent serine peptidase, which is obtainable from *Propionibacterium shermanii* ATCC 9617 and which has a calculated molecular mass of 45 kDa. The proline iminopeptidase has an amino acid sequence according to the unique sequence of Figure 3. Genetic variants having a homology exceeding 60 % and having the same functionality are comprised by the invention. The proline iminopeptidase can be prepared in large quantities with the use of a genetically modified microorganism. It is used for modifying the flavour of food products, and in particular for rendering the product less bitter.

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