Title (en)
A RECOMBINANT ENZYME WITH MUTANASE ACTIVITY

Title (de)
Rekombinantes Enzym mit Mutanaseaktivität

Title (fr)
ENZYME RECOMBINANTE A ACTIVITE MUTANASE

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Application
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Abstract (en)
[origin: WO9800528A1] The present invention relates to method for constructing an expression vector comprising a mutanase gene obtained from a filamentous fungus suitable for heterologous production comprising the steps of a) isolating a DNA sequence encoding a mutanase from a filamentous fungus, b) introducing a kex2-site or kex2-like site between the DNA sequences encoding the pro-peptide and the mature region of the mutanase, c) cloning the DNA sequence obtained in step b) into a suitable expression vector. The invention also relates to a recombinant expression vector comprising said mutanase gene sequence and a kex2 cleavage site between the DNA sequence encoding the pro-peptide and the region encoding the mature mutanase, a filamentous fungus host cell, a process for producing recombinant mutanase and a recombinant mutanase. It is also the object of the invention to provide compositions useful in oral care products for humans and animals.

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