

Title (en)  
RECOMBINANT PROTEINASE FROM CLOSTRIDIUM HISTOLYTICUM AND THE USE THEREOF FOR ISOLATING CELLS AND CELL GROUPS

Title (de)  
REKOMBINANTE PROTEINASE AUS CLOSTRIDIUM HISTOLYTICUM UND IHRE VERWENDUNG ZUR ISOLIERUNG VON ZELLEN UND ZELLVERBÄNDEN

Title (fr)  
PROTEINASE RECOMBINEE DE CLOSTRIDIUM HISTOLYTICUM ET SON UTILISATION POUR ISOLER DES CELLULES ET DES GROUPES DE CELLULES

Publication  
**EP 0799316 A1 19971008 (DE)**

Application  
**EP 95942186 A 19951220**

Priority  
• DE 4445891 A 19941222  
• EP 9505054 W 19951220

Abstract (en)  
[origin: DE4445891A1] A process is proposed for breaking down cellular tissue and releasing the constituent cells or cell groups by incubating the cellular tissue with a recombinant neutral protease from Clostridium histolyticum. The protease in question is coded by (a) a DNA of the nucleotide 1027-1965 from SEQ ID NO:3 or by a DNA complementary to it; (b) nucleic acids which hybridise with a DNA of the nucleotide 1027-1965 from SEQ ID NO:3; (c) nucleic acids which would hybridise with one of the nucleic acids mentioned in (a) or (b) without degeneration of the genetic code. The protease is a product of a prokaryotic or eukaryotic expression of an exogenic nucleic acid. Incubation continues until the release of cells or cell groups in the desired quantity and separation of the cells or cell groups from the cellular tissue fractions.

IPC 1-7  
**C12N 15/57**; **C12N 9/52**; **C12N 5/06**

IPC 8 full level  
**C12N 15/09** (2006.01); **A61K 31/00** (2006.01); **A61K 48/00** (2006.01); **A61P 35/00** (2006.01); **A61P 37/00** (2006.01); **A61P 37/02** (2006.01); **C12N 1/19** (2006.01); **C12N 1/21** (2006.01); **C12N 5/10** (2006.01); **C12N 9/52** (2006.01); **C12N 15/00** (2006.01); **C12N 15/57** (2006.01); **C12R 1/01** (2006.01); **C12R 1/19** (2006.01)

CPC (source: EP US)  
**A61P 35/00** (2017.12 - EP); **A61P 37/00** (2017.12 - EP); **A61P 37/02** (2017.12 - EP); **C12N 9/52** (2013.01 - EP US)

Citation (search report)  
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DOCDB simple family (application)  
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