

Title (en)

CALPAIN PROTEASE 12

Title (de)

CALPAIN-PROTEASE 12

Title (fr)

CALPAINE PROTEASE 12

Publication

EP 1294895 A2 20030326 (DE)

Application

EP 01949449 A 20010629

Priority

- DE 10031932 A 20000630
- EP 0107457 W 20010629

Abstract (en)

[origin: WO0202775A2] The invention relates to calpain protease 12 (Capn12), which is characterized in that it has an amino acid sequence comprising amino acids 1 - 342 of SEQ ID NO: 1 or an amino acid sequence selected amongst SEQ ID NO: 1, SEQ ID NO: 2, SEQ ID NO: 3 or SEQ ID NO: 4. The invention also relates to the functional analogs of said calpain protease 12, to the nucleic acids coding therefor, to recombinant vectors containing said coding sequences and to microorganisms transfected therewith. The invention further relates to a method for recombinant production of Capn12 and to different applications of Capn12 and the nucleic acids coding therefor.

IPC 1-7

C12N 15/52; C12N 9/64; C12Q 1/68; C07K 16/40; A61K 38/43; G01N 33/68; G01N 33/577

IPC 8 full level

C12N 15/09 (2006.01); A61K 38/46 (2006.01); A61K 39/395 (2006.01); A61K 48/00 (2006.01); A61P 9/10 (2006.01); A61P 25/28 (2006.01); A61P 27/12 (2006.01); A61P 29/00 (2006.01); A61P 43/00 (2006.01); C07K 16/40 (2006.01); C12N 1/15 (2006.01); C12N 1/19 (2006.01); C12N 1/21 (2006.01); C12N 5/10 (2006.01); C12N 9/64 (2006.01); C12Q 1/37 (2006.01); C12Q 1/68 (2006.01); A61K 38/00 (2006.01)

CPC (source: EP US)

A61P 9/10 (2017.12 - EP); A61P 25/28 (2017.12 - EP); A61P 27/12 (2017.12 - EP); A61P 29/00 (2017.12 - EP); A61P 43/00 (2017.12 - EP); C12N 9/6472 (2013.01 - EP US); A61K 38/00 (2013.01 - EP US); A61K 48/00 (2013.01 - EP US)

Citation (search report)

See references of WO 0202775A2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 0202775 A2 20020110; WO 0202775 A3 20021212; AU 7060301 A 20020114; CA 2414592 A1 20020110; DE 10031932 A1 20020110; EP 1294895 A2 20030326; HK 1054407 A1 20031128; JP 2004503221 A 20040205; MX PA02012647 A 20030922; US 2004072174 A1 20040415

DOCDB simple family (application)

EP 0107457 W 20010629; AU 7060301 A 20010629; CA 2414592 A 20010629; DE 10031932 A 20000630; EP 01949449 A 20010629; HK 03106552 A 20030911; JP 2002508015 A 20010629; MX PA02012647 A 20010629; US 31237303 A 20030825