Title (en)
ZYMOGEN ACTIVATION SYSTEM

Title (de)
AKTIVIERUNGSSYSTEM FüR ZYMOGEN

Title (fr)
SYSTEME D'ACTIVATION DU ZYMOGENE

Publication
EP 1173590 A4 20030115 (EN)

Application
EP 00922167 A 20000413

Priority
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Abstract (en)
[origin: WO0066709A2] We describe the DNA sequences encoding an expression vector system that will permit, through limited proteolysis, the activation of expressed zymogen precursor of (S1) serine proteases in a highly controlled and reproducible fashion. The processed expressed protein, once activated, is rendered in a form amenable to measuring the catalytic activity. This catalytic activity of the activated form, is often a more accurate representation of the mature S1 protease gene product relative to the unprocessed zymogen precursor. Thus, this series of zymogen activation constructs represents a significant system for the analysis and characterization of serine protease gene products.

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IPC 8 full level
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Citation (search report)
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- [X] US 5726038 A 19980310 - CHRISTIANSEN LARS [DK], et al
- [X] US 5504001 A 19960402 - FOSTER DONALD C [US]
- See references of WO 0066709A2

Designated contracting state (EPC)
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WO 0066709 A2 20001109; **WO 0066709 A3 20010215**; **WO 0066709 A9 20020829**; AR 023818 A1 20020904; AU 4239600 A 20001117; CA 2372907 A1 20001109; EP 1173590 A2 20020123; EP 1173590 A4 20030115; JP 2003531567 A 20031028

DOCDB simple family (application)
US 0009973 W 20000413; AR P000102081 A 20000428; AU 4239600 A 20000413; CA 2372907 A 20000413; EP 00922167 A 20000413; JP 2000615734 A 20000413