

Title (en)  
SECRETED PROTEINS AND USES THEREOF

Title (de)  
SEKRETIERTE PROTEINE UND IHRE VERWENDUNGEN.

Title (fr)  
PROTEINES SECRETEES ET LEURS UTILISATIONS

Publication  
**EP 1140976 A4 20030521 (EN)**

Application  
**EP 99967734 A 19991229**

Priority  
• US 9931157 W 19991229  
• US 22424698 A 19981230

Abstract (en)  
[origin: WO0039149A2] The invention provides isolated nucleic acid molecules, designated HtrA-2 (high temperature requirement-2) nucleic acid molecules which encode wholly secreted proteins with homology to the human HtrA (high temperature requirement) protein. The invention also provides isolated nucleic acid molecules, designated TANGO 219 nucleic acid molecules which encode wholly secreted proteins. The invention also provides antisense nucleic acid molecules, expression vectors containing the nucleic acid molecules of the invention, host cells into which the expression vectors have been introduced, and non-human transgenic animals in which a nucleic acid molecule of the invention has been introduced or disrupted. The invention still further provides isolated polypeptides, fusion polypeptides, antigenic peptides and antibodies. Diagnostic, screening and therapeutic methods utilizing compositions of the invention are also provided.

IPC 1-7  
**C07K 1/00**; **C12N 9/64**

IPC 8 full level  
**C07K 14/715** (2006.01); **A61K 38/00** (2006.01)

CPC (source: EP)  
**C07K 14/7151** (2013.01); **A01K 2217/05** (2013.01); **A61K 38/00** (2013.01); **C07K 2319/00** (2013.01)

Citation (search report)  
• [Y] JP H09107980 A 19970428 - JAPAN TOBACCO INC  
• [X] DATABASE GENBANK [online] HILLIER ET AL.: "zx70c12.r1 Soares\_total\_fetus\_Nb2HF8\_9w Homo sapiens cDNA clone", XP002235795, retrieved from EBI Database accession no. AA496215  
• [Y] PALLEN M J ET AL: "THE HTRA FAMILY OF SERINE PROTEASES", MOLECULAR MICROBIOLOGY, BLACKWELL SCIENTIFIC, OXFORD, GB, vol. 26, no. 2, 1997, pages 209 - 221, XP000946617, ISSN: 0950-382X  
• See references of WO 0039149A2

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**WO 0039149 A2 20000706**; **WO 0039149 A3 20001116**; AU 2396600 A 20000731; EP 1140976 A2 20011010; EP 1140976 A4 20030521

DOCDB simple family (application)  
**US 9931157 W 19991229**; AU 2396600 A 19991229; EP 99967734 A 19991229