

Title (en)  
POLYNUCLEOTIDES ENCODING HUMAN SERINE PROTEASES

Title (de)  
FÜR HUMANE SERINPROTEASEN KODIERENDE POLYNUKLEOTIDE

Title (fr)  
POLYNUCLEOTIDES CODANT LES SERINE PROTEASES HUMAINES

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Application  
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Abstract (en)  
[origin: WO0198476A1] The present invention relates to novel human serine protease polypeptides and isolated nucleic acids containing the coding regions of the genes encoding such polypeptides. Also provided are vectors, host cells, antibodies, and recombinant methods for producing human serine protease polypeptides. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to these novel human serine protease polypeptides.

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CPC (source: EP)  
**C12N 9/6424** (2013.01); **A61K 38/00** (2013.01); **A61K 48/00** (2013.01)

Citation (search report)

- [X] WO 9946391 A2 19990916 - MILLENNIUM BIOTHERAPEUTICS INC [US]
- [E] WO 0068247 A2 20001116 - HUMAN GENOME SCIENCES INC [US], et al
- [E] WO 0136604 A2 20010525 - CORVAS INT INC [US], et al
- [X] DATABASE EMBL [online] 24 August 1998 (1998-08-24), NAKAYAMA, XP002280951, retrieved from EBI Database accession no. AB011539
- [T] KIM D R ET AL: "Cloning and expression of novel mosaic serine proteases with and without a transmembrane domain from human lung", BIOCHIMICA ET BIOPHYSICA ACTA. GENE STRUCTURE AND EXPRESSION, ELSEVIER, AMSTERDAM, NL, vol. 1518, no. 1-2, 19 March 2001 (2001-03-19), pages 204 - 209, XP004275877, ISSN: 0167-4781
- [T] UNDERWOOD L J ET AL: "OVARIAN TUMOR CELLS EXPRESS A NOVEL MULTI-DOMAIN CELL SURFACE SERINE PROTEASE", BIOCHIMICA ET BIOPHYSICA ACTA, AMSTERDAM, NL, vol. 1502, no. 3, November 2000 (2000-11-01), pages 337 - 350, XP001018948, ISSN: 0006-3002
- See references of WO 0198476A1

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