

Title (en)
SECRETED PROTEINS AND USES THEREOF

Title (de)
AUSSCHIEDUNGSPROTEINE UND IHRE VERWENDUNG

Title (fr)
PROTEINES SECRETEES ET LEURS UTILISATIONS

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Application
EP 00912028 A 20000225

Priority
• US 0005035 W 20000225
• US 25938799 A 19990226

Abstract (en)
[origin: WO0050443A2] The invention provides isolated nucleic acid molecules, designated TANGO 228 nucleic acid molecules, which encode secreted proteins with homology to the rat MCA-32 protein, isolated nucleic acid molecules, designated TANGO 240 nucleic acid molecules, which encode secreted proteins with homology to the Mycobacterium tuberculosis hypothetical protein Rv0712, and isolated nucleic acid molecules, designated TANGO 243 nucleic acid molecules, which encode proteins with homology to human PLAP (<u>p</u>hospholipase A2-<u>a</u>-activating <u>p</u>rotein). 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 polypeptides and antibodies. Diagnostic, screening and therapeutic methods utilizing compositions of the invention are also provided.

IPC 1-7
C07H 21/04; **C07K 14/705**; **C12N 1/21**; **C12P 21/02**

IPC 8 full level
C07H 21/04 (2006.01); **C07K 14/47** (2006.01); **C07K 14/52** (2006.01); **C07K 14/705** (2006.01); **C12P 21/02** (2006.01); **A61K 38/00** (2006.01); **A61K 39/00** (2006.01)

CPC (source: EP)
C07K 14/4705 (2013.01); **C07K 14/52** (2013.01); **A61K 38/00** (2013.01); **A61K 39/00** (2013.01)

Citation (search report)
• [L] DATABASE Geneseq [online] 16 June 1999 (1999-06-16), "Human secreted protein 5' EST SEQ ID NO:97.", XP002325730, retrieved from EBI accession no. GSN:AAX40310 Database accession no. AAX40310 & WO 9906439 A2 19990211 - GENSET SA [FR], et al
• [A] PIROZZI G ET AL: "IDENTIFICATION AND CHARACTERIZATION OF A NOVEL SURFACE ANTIGEN GENEINDUCED IN MAST CELLS ACTIVATED THROUGH THE HIGH AFFINITY IGE RECEPTOR", JOURNAL OF IMMUNOLOGY, THE WILLIAMS AND WILKINS CO. BALTIMORE, US, vol. 155, 1995, pages 5811 - 5818, XP001019111, ISSN: 0022-1767
• [A] MAEDA K ET AL: "Analysis of an expression profile of genes in the human adipose tissue", GENE, ELSEVIER, AMSTERDAM, NL, vol. 190, 1997, pages 227 - 235, XP002136672, ISSN: 0378-1119
• [L] DATABASE Geneseq [online] 24 September 1999 (1999-09-24), "Human cancer cell derived cDNA contig #43.", XP002340223, retrieved from EBI accession no. GSN:AAX99117 Database accession no. AAX99117 & DATABASE Geneseq [online] 24 September 1999 (1999-09-24), "Human cancer cell derived cDNA contig #37.", retrieved from EBI accession no. GSN:AAX99111 Database accession no. AAX99111 & WO 9933982 A2 19990708 - CHIRON CORP [US], et al
• [A] DATABASE UniProt [online] 1 May 1997 (1997-05-01), "Hypothetical protein.", XP002340224, retrieved from EBI accession no. UNIPROT:P95060 Database accession no. P95060

Citation (examination)
• BORK P. ET AL: "Powers and pitfalls in sequence analysis: the 70% hurdle", GENOME RESEARCH, vol. 10, 2000, pages 398 - 400, XP002961676
• BORK P. ET AL: "Predicting function: from genes to genomes and back", J MOL BIOL, vol. 283, no. 4, 6 November 1998 (1998-11-06), pages 707 - 725, XP004457411
• See also references of WO 0050443A2

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