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(54) Title: 53320, A HUMAN ACYLTRANSFERASE AND USES THEREFOR

(57) Abstract: The invention provides isolated nucleic acids molecules, designated 53320 nucleic acid molecules, which encode novel acyltransferase members. The invention also provides antisense nucleic acid molecules, recombinant expression vectors containing 53320 nucleic acid molecules, host cells into which the expression vectors have been introduced, and nonhuman transgenic animals in which a 53320 gene has been introduced or disrupted. The invention still further provides isolated 53320 proteins, fusion proteins, antigenic peptides and anti-53320 antibodies. Diagnostic methods utilizing compositions of the invention are also provided. The 53320 nucleic acids are expressed in endothelial cells.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

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E	WO 01 68848 A (BAKER KEVIN P ;CHEN JIAN (US); DESNOYERS LUC (US); GENENTECH INC () 20 September 2001 (2001-09-20) claims ---	1-12, 27-30
E	WO 01 90334 A (INCYTE GENOMICS INC) 29 November 2001 (2001-11-29) claims -----	1-26



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Patent family members are listed in annex.

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