

Title (en)
BREAST SPECIFIC GENES AND PROTEINS

Title (de)
BRUSTSPEZIFISCHE GENE UND PROTEINE

Title (fr)
GENES ET PROTEINES SPECIFIQUES AU SEIN

Publication
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Application
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Priority
US 9508295 W 19950630

Abstract (en)
[origin: WO9702280A1] Human breast specific gene polypeptides and DNA (RNA) encoding such polypeptides and a procedure for producing such polypeptides by recombinant techniques is disclosed. Also disclosed are methods for utilizing such polynucleotides or polypeptides as a diagnostic marker for breast cancer and as an agent to determine if breast cancer has metastasized. Also disclosed are antibodies specific to the breast specific gene polypeptides which may be used to target cancer cells and be used as part of a breast cancer vaccine. Methods of screening for antagonists for the polypeptide and therapeutic uses thereof are also disclosed.

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C07H 21/02; **C07K 1/00**; **C12N 15/00**; **C12N 1/20**; **C12P 21/06**

IPC 8 full level
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Citation (search report)
• [A] DONOHUE SJ ET AL.: "Human hydroxyindole-O-methyltransferase: presence of LINE-1 fragment in a cDNA clone and pineal mRNA", DNA AND CELL BIOLOGY., vol. 12, no. 8, 1993, NEW YORK, NY., US, pages 715 - 727, XP001052853, ISSN: 1044-5498
• [A] DATABASE GENBANK E.B.I Hinxton, U.K.; 28 March 1994 (1994-03-28), DONOHUE: "Homo sapiens hydroxyindole-O-methyltransferase", XP002187344
• See also references of WO 9702280A1

Designated contracting state (EPC)
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