

Title (en)
VERTEBRATE DELTEX PROTEINS, NUCLEIC ACIDS, AND ANTIBODIES, AND RELATED METHODS AND COMPOSITIONS

Title (de)
DELTEX PROTEINE, NUKLEINSÄUREN, UND ANTIKÖRPER VON VERTEBRATEN, SOWIE DIESBEZÜGLICHE VERFAHREN UND ZUSAMMENSETZUNGEN

Title (fr)
PROTEINES, ACIDES NUCLEIQUES ET ANTICORPS DELTEX DE VERTEBRES, ET PROCEDES ET COMPOSITIONS RELATIFS A CEUX-CI

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Application
EP 96942785 A 19961122

Priority

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Abstract (en)
[origin: WO9718822A1] The present invention relates to nucleotide sequences of vertebrate deltex genes, and amino acid sequences of the encoded vertebrate Deltex proteins. The invention further relates to fragments and other derivatives, and analogs, of vertebrate Deltex proteins, as well as antibodies thereto. Nucleic acids encoding such fragments or derivatives are also within the scope of the invention. Production of the foregoing proteins and derivatives, e.g., by recombinant methods is provided. In a specific embodiment, the invention relates to human deltex nucleic acids and proteins. The present invention also relates to therapeutic and diagnostic methods and compositions based on vertebrate Deltex proteins, nucleic acids, and antibodies. The invention also provides methods of inactivating Notch function in a cell, methods of identifying a compound that inhibits or reduces the binding of a vertebrate Deltex protein to a Notch protein, and methods of expanding non-terminally differentiated cells.

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Citation (search report)

- [Y] DIEDERICH ET AL.: "Cytosolic interaction between deltex and Notch ankyrin repeats implicates deltex in the Notch signaling pathway", DEVELOPMENT, vol. 120, 1994, pages 473 - 481, XP010216767
- [Y] BUSSEAU: "A member of the Notch group of interacting loci, deltex encodes a cytoplasmic basic protein", GENETICS, vol. 136, no. 2, February 1994 (1994-02-01), pages 585-596, XP001018513
- See references of WO 9718822A1

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