

Publication

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Application

**EP 95922214 A 19950605**

Priority

US 9507108 W 19950605

Abstract (en)

[origin: WO9639508A1] Disclosed is a human Fibroblast growth factor-13 polypeptide and DNA (RNA) encoding such polypeptide. Also provided is a procedure for producing such polypeptide by recombinant techniques. Also disclosed are methods for utilizing such polypeptide for promoting wound healing for example as a result of burns and ulcers, to prevent neuronal damage associated with stroke and due to neuronal disorders and promote neuronal growth, and to prevent skin aging and hair loss, to stimulate angiogenesis, mesodermal induction in early embryos and limb regeneration. Antagonists against such polypeptides and their use as a therapeutic to prevent abnormal cellular proliferation, hyper-vascular diseases and epithelial lens cell proliferation are also disclosed. Diagnostic methods for detecting mutations in the coding sequence and alterations in the concentration of the polypeptides in a sample derived from a host are also disclosed.

IPC 1-7

**C12N 15/12**

IPC 8 full level

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CPC (source: EP KR)

**C07K 14/50** (2013.01 - EP KR); **C12N 15/11** (2013.01 - KR); **A61K 38/00** (2013.01 - EP)

Citation (search report)

- [X] TANAKA A. ET AL.: "Human androgen-induced growth factor in prostate and breast cancer cells: its molecular cloning and growth properties", FEBS LETTERS, vol. 363, no. 3, 24 April 1995 (1995-04-24), pages 226 - 230, XP002059237
- [A] GOSPODAROWICZ D.: "Fibroblast growth factors: from genes to clinical applications", CELL BIOLOGY REVIEWS, vol. 25, no. 4, 1991, pages 307 - 314, XP002058994
- [A] MASON I.J.: "The ins and outs of fibroblast growth factors", CELL, vol. 78, 26 August 1994 (1994-08-26), pages 547 - 552, XP002058995
- [T] SMALLWOOD P.M. ET AL.: "Fibroblast growth factor (FGF) homologous factors: new members of the FGF family implicated in nervous system development", PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA, vol. 93, September 1996 (1996-09-01), pages 9850 - 9857, XP002058996
- [T] HARTUNG H. ET AL.: "Murine FGF-12 and FGF-13: expression in embryonic nervous system, connective tissue and heart", MECHANISMS OF DEVELOPMENT, vol. 64, no. 1/02, June 1997 (1997-06-01), pages 31 - 39, XP002051180
- See references of WO 9639508A1

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