

Title (en)
HUMAN VASCULAR IBP-LIKE GROWTH FACTOR

Title (de)
MENSCHLICHER, VASKULÄRER IBP-ÄHNLICHER WACHSTUMSFAKTOR

Title (fr)
FACTEUR DE CROISSANCE VASCULAIRE HUMAIN PROCHE DE LA PROTEINE DE FIXATION DU FACTEUR DE CROISSANCE INSULINOÏDE

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Application
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Abstract (en)
[origin: WO9617931A1] A human Vascular IBP-like growth factor polypeptide (VIGF) and DNA (RNA) encoding such polypeptide and a procedure for producing such polypeptide by recombinant techniques is disclosed. Also disclosed are methods for utilizing such polypeptide for wound healing or tissue regeneration, stimulating implant fixation and angiogenesis. Antagonists against such polypeptides and their use as a therapeutic to treat atherosclerosis, tumors and scarring are also disclosed. Diagnostic assays for identifying mutations in VIGF nucleic acid sequences and altered levels of the VIGF polypeptide are also disclosed.

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C12N 15/00; **C12N 15/18**; **A61K 38/18**; **C07K 14/475**

IPC 8 full level
C12N 15/09 (2006.01); **A61K 38/00** (2006.01); **A61K 38/30** (2006.01); **A61K 39/395** (2006.01); **A61K 48/00** (2006.01); **A61P 3/06** (2006.01); **A61P 35/00** (2006.01); **A61P 43/00** (2006.01); **C07K 14/475** (2006.01); **C07K 14/52** (2006.01); **C07K 14/65** (2006.01); **C07K 16/24** (2006.01); **C12N 1/21** (2006.01); **C12N 5/10** (2006.01); **C12N 15/18** (2006.01); **C12P 21/02** (2006.01); **C12P 21/08** (2006.01); **C12Q 1/02** (2006.01); **C12Q 1/68** (2006.01); **C12R 1/19** (2006.01); **C12R 1/91** (2006.01)

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Citation (search report)
• [A] WO 9203471 A1 19920305 - CHIRON CORP [US]
• [A] WO 9212243 A1 19920723 - CHIRON CORP [US]
• [A] WO 9203152 A1 19920305 - CHIRON CORP [US]
• [A] BAR R.S. ET AL.: "Production of IGF-binding proteins by vascular endothelial cells", BIOCHEM. BIOPHYS. RES. COM., vol. 148, no. 2, 29 October 1987 (1987-10-29), pages 734 - 739, XP002114415
• [A] FORBES B. ET AL.: "Classification of the Insuline-like Growth Factor Binding Proteins into three distinct categories according to their binding specifities", BIOCHEM. BIOPHYS. RES. COM., vol. 157, no. 1, 30 November 1988 (1988-11-30), pages 196 - 202, XP002114416
• [A] SHIMASAKI S ET AL.: "IDENTIFICATION OF FIVE DIFFERENT INSULIN-LIKE GROWTH FACTOR BINDING PROTEINS (IGFBPS) FROM ADULT RAT SERUM AND MOLECULAR CLONING OF A NOVEL IGFBP-5 IN RAT AND HUMAN", JOURNAL OF BIOLOGICAL CHEMISTRY, vol. 266, no. 16, 5 June 1991 (1991-06-05), pages 10646 - 10653, XP000673586, ISSN: 0021-9258
• See references of WO 9617931A1

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