

Title (en)
NOVEL POLYPEPTIDES HAVING GROWTH FACTOR ACTIVITY AND NUCLEIC ACID SEQUENCES ENCODING THE POLYPEPTIDES.

Title (de)
NEUE POLYPEPTIDE MIT WACHSTUMSFAKTORWIRKUNG UND DIESE KODIERENDE NUKLEINSÄURESEQUENZEN.

Title (fr)
NOUVEAUX POLYPEPTIDES AYANT UNE ACTIVITE DE FACTEUR DE CROISSANCE ET SEQUENCES D'ACIDES NUCLEIQUES DE CODAGE DE CES POLYPEPTIDES.

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Application
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Abstract (en)
[origin: WO8602650A1] Polypeptides having growth factor activity and precursors thereof are synthesized using conventional or recombinant techniques. The framework structure of these peptides are shown in figures 1 and 2. The structure, particularly those involving six cysteines, provide loops analogous to mammalian growth factors. The peptides are disclosed as being useful as mitogens, additives in nutrient media, in assays for Epidermal Growth Factors (EGF) receptors, and in wound healing.

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IPC 8 full level
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Citation (search report)

- Journal of Biological Chemistry, Vol. 248, No. 22, November 25, 1973, pages 7669-7672; US, C.R. SAVAGE Jr. et al.: "Epidermal growth factor", Figure 1.
- Proc. Natl. Acad. Sci. USA, Vol. 81, December 1984, Biochemistry, pages 7363-7367; US, M.C. BLOMQUIST et al.: "Vaccinia virus 19-kilodalton protein: Relationship to several mammalian proteins, including two growth factors", whole article.
- Proc. of the Montreux 1989 Intern. Chemical Information Conf., Montreux, September 26-28, 1989, pages 131-139, C. SUHR: "Hypertrophic generic structures in patent claims: an extravagance and a remedy for it".
- See references of WO 8602650A1

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