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(21) International Application Number: PCT/US90/00418 (22) International Filing Date: 30 January 1990 (30.01.90) (30) Priority data: 304,281 31 January 1989 (31.01.89) US (71)(72) Applicants and Inventors: RUBIN, Jeffrey, S. [US/US]; 2020 Baltimore Road, Apt. K-44, Rockville, MD 20851 (US). FINCH, Paul, W. [GB/US]; 9306 Holland Avenue, Bethesda, MD 20814 (US). AARONSON, Stuart, A. [US/US]; 1006 Harriman Street, Great Falls, VA 22066 (US). (74) Agents: PATTERSON, Herbert, W. et al.; Finnegan, Henderson, Farabow, Garrett & Dunner, 1775 K Street, N.W., Washington, DC 20006 (US).		(81) Designated States: AT, AT (European patent), AU, BB, BE (European patent), BF (OAPI patent), BG, BJ (OAPI patent), BR, CF (OAPI patent), CG (OAPI patent), CH, CH (European patent), CM (OAPI patent), DE, DE (European patent), DK, DK (European patent), ES (European patent), FI, FR (European patent), GA (OAPI patent), GB, GB (European patent), HU, IT (European patent), JP, KP, KR, LK, LU, LU (European patent), MC, MG, ML (OAPI patent), MR (OAPI patent), MW, NL, NL (European patent), NO, RO, SD, SE, SE (European patent), SN (OAPI patent), SU, TD (OAPI patent), TG (OAPI patent). Published <i>With international search report.</i>										
(54) Title: DNA ENCODING A GROWTH FACTOR SPECIFIC FOR EPITHELIAL CELLS												
(57) Abstract Discoveries are disclosed that show particular aspects or recombinant DNA technology can be used successfully to produce hitherto unknown human keratinocyte growth factor (KGF) protein free of other polypeptides. These proteins can be produced in various functional forms from spontaneously secreting cells or from DNA segments introduced into cells. These forms variously enable biochemical and functional studies of this novel protein as well as production of antibodies. Means are described for determining the level of expression of genes for the KGF protein, for example, by measuring mRNA levels in cells or by measuring antigen secreted in extracellular or body fluids.												
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