

Title (en)
VECTORS CONTAINING A GENE FOR A PROTEIN HAVING ERYTHROID-POTENTIATING ACTIVITY AND RECOMBINANT DNA METHODS FOR PRODUCING SAID PROTEIN.

Title (de)
EIN GEN FÜR EIN PROTEIN MIT ERYTHROID ERHÖHENDER WIRKUNG ENTHALTENDE VEKTOREN UND REKOMBINANTE DNS-VERFAHREN ZU DEREN HERSTELLUNG.

Title (fr)
VECTEURS CONTENANT UN GENE POUR UNE PROTEINE PRESENTANT UNE ACTIVITE D'ACTIVATION D'ERYTHROIDES ET PROCEDE PAR ADN RECOMBINANT DE PRODUCTION DE CETTE PROTEINE.

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Application
EP 85905157 A 19851001

Priority
US 65659084 A 19841001

Abstract (en)
[origin: WO8602100A1] A protein having erythroid potentiating activity (EPA). The EPA protein has a biological activity of at least about 10<6> units per mg of protein and has an apparent molecular weight of about 28,000 daltons as determined by SDS-PAGE analysis on 10 percent polyacrylamide gel. Also described is a cloned EPA gene coding for such EPA protein, a recombinant vector containing the EPA gene, a microorganism or mammalian cell transformed with such a recombinant vector, and a method for producing EPA by expressing said EPA gene by culturing said microorganism or mammalian cell. Purified EPA stimulates the growth of both early and late erythroid precursors from human bone marrow, as well as colony formation by the K562 erythroleukemia cell line.

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CPC (source: EP)
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Citation (search report)
• WO 8604608 A1 19860814 - SYNERGEN BIOLOG INC [US]
• EP 0188312 A2 19860723 - CELLTECH LTD [GB]
• EP 0189784 A1 19860806 - SEARLE & CO [US]
• See references of WO 8602100A1

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