

Title (en)
COLONY STIMULATING FACTORS HAVING REDUCED LEVELS OF CARBOHYDRATE.

Title (de)
FAKTOREN, DIE DAS WACHSTUM VON KOLONIEN FÖRDERN UND EINEN REDUZIERTEN GEHALT AN KOHLENWASSERSTOFFEN HABEN.

Title (fr)
FACTEURS STIMULANT LA CROISSANCE DE COLONIES CELLULAIRES, PRESENTANT DES TENEURS REDUITES EN HYDRATES DE CARBONE.

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Application
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Priority
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Abstract (en)
[origin: WO8805786A1] Proteins characterized by possessing GM-CSF-type activity which have the structure: A-R<1>-B-R<2>-C, wherein A, B and C are GM-CSF peptide sequences substantially as shown in Table 1 wherein A comprises the sequence Ala-1 through Leu-26, B comprises the sequence Arg-30 through Met-36 and C comprises the sequence Val-40 through Glu-127. R<1> and R<2> each represent an independently selected peptide sequence or a peptide bond linking the aforementioned A, B and C, such that R<1> is a peptide bond or peptide sequence other than Asn-Leu-Ser and/or R<2> is a peptide bond or peptide sequence other than Asn-Glu-Thr.

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CPC (source: EP)
A61P 7/00 (2017.12); **C07K 14/535** (2013.01); **A61K 38/00** (2013.01)

Citation (search report)

- [Y] THE EMBO JOURNAL, vol. 5, no. 6, 1986, pages 1193-1197; A. Miyajima et al.: "Expression of murine and human granulocyte-macrophage colony-stimulating factors in *S. cerevisiae*: mutagenesis of the potential glycosylation sites"
- [Y] CHEMICAL ABSTRACTS, vol. 106, no. 17, 27th April 1987, page 562, abstract no. 136909t, Columbus, Ohio, US; W.A. BURGESS et al.: "Purification and properties of bacterially synthesized human granulocyte-macrophage colony stimulating factor", & BLOOD 1987, 69(1), 43-51
- [Y] CHEMICAL ABSTRACTS, vol. 106, no. 17, 27th April 1987, page 77, abstract no. 131875u, Columbus, Ohio, US; J.H. SHIEH: "Purification and characterization of human colony-stimulating factor 1 from human pancreatic carcinoma (MIA PaCa-2) cells", & ARCH. BIOCHEM. BIOPHYS. 1987, 253(1), 205-13
- [XP] BIOCHEMISTRY, vol. 26, no. 15, 28th July 1987, pages 4861-4867, American Chemical Society, Washington, DC, US; K. KAUSHANSKY: "Role of carbohydrate in the function of human granulocyte-macrophage colony-stimulating factor"
- [YP] PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, vol. 84, no. 13, July 1987, pages 4428-4431; P. MOONEN et al.: "Increased biological activity of deglycosylated recombinant human granulocyte/macrophage colony-stimulating factor produced by yeast or animal cells"
- See references of WO 8805786A1

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