

Title (en)  
MEGAKARYOCYTE GROWTH PROMOTING ACTIVITY

Publication  
**EP 0466780 A4 19920826 (EN)**

Application  
**EP 90906033 A 19900402**

Priority  
US 33265189 A 19890403

Abstract (en)  
[origin: WO9012108A1] A novel human megakaryocytopoietic growth promoting activity factor capable of stimulating the growth of megakaryocytes and augments the differentiation or maturation of megakaryocytes. Also provided are processes for obtaining the factor in homogeneous form and producing it by recombinant genetic engineering techniques.

IPC 1-7  
**C12P 21/06**; C12N 1/22; C07H 15/12; C07K 15/00; C07K 3/02; A61K 37/00

IPC 8 full level  
**A61K 38/00** (2006.01); **A61P 7/00** (2006.01); **C07K 1/16** (2006.01); **C07K 1/20** (2006.01); **C07K 14/435** (2006.01); **C07K 14/475** (2006.01); **C07K 14/52** (2006.01); **C07K 14/53** (2006.01); **C07K 14/535** (2006.01); **C07K 14/54** (2006.01); **C07K 16/00** (2006.01); **C07K 16/22** (2006.01); **C07K 16/24** (2006.01); **C12N 1/19** (2006.01); **C12N 1/21** (2006.01); **C12N 5/10** (2006.01); **C12N 15/09** (2006.01); **C12P 21/00** (2006.01); **C12R 1/19** (2006.01); **C12R 1/91** (2006.01)

CPC (source: EP)  
**A61P 7/00** (2017.12); **C07K 14/475** (2013.01); **C07K 14/52** (2013.01); **C07K 16/22** (2013.01); **C07K 16/24** (2013.01); **A61K 38/00** (2013.01)

Citation (search report)

- [E] WO 9102001 A1 19910221 - GENETICS INST [US]
- [XD] THE JOURNAL OF CLINICAL INVESTIGATION vol. 75, no. 4, April 1985, THE AMERICAN SOCIETY FOR CLIN. INV. pages 1174 - 1182; HOFFMAN, R. ET AL.: 'Purification and partial characterization of a megakaryocyte colony-stimulating factor from human plasma.'
- [X] EXPERIMENTAL HEMATOLOGY vol. 14, no. 6, 1986, NEW YORK, USA page 490; SHIMIZU, T. ET AL.: 'Purification of human megakaryocyte colony stimulating factor.'
- [X] EXPERIMENTAL HEMATOLOGY vol. 15, no. 5, 1987, NEW YORK, USA page 492; SHIMIZU, T.: 'Purification of human sialylated megakaryocyte colony stimulating factor.'
- [XD] EXPERIMENTAL HEMATOLOGY vol. 13, no. 11, December 1985, NEW YORK, USA pages 1164 - 1172; MAZUR, E.M. ET AL.: 'Human megakaryocyte colony stimulating factor in sera from aplastic dogs : partial purification, characterization and determination of hematopoietic cell lineage specificity.'
- See references of WO 9012108A1

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**WO 9012108 A1 19901018**; AU 5405890 A 19901105; AU 641645 B2 19930930; CA 2050584 A1 19901004; EP 0466780 A1 19920122; EP 0466780 A4 19920826; JP H04506513 A 19921112

DOCDB simple family (application)  
**US 9001725 W 19900402**; AU 5405890 A 19900402; CA 2050584 A 19900402; EP 90906033 A 19900402; JP 50571890 A 19900402