

Title (en)
THE HELIOS GENE

Title (de)
DAS HELIOS GEN

Title (fr)
GENE HELIOS

Publication
EP 1058500 A4 20020508 (EN)

Application
EP 99909641 A 19990226

Priority
• US 9904224 W 19990226
• US 7632598 P 19980227

Abstract (en)
[origin: WO9943208A1] The invention features a Helios polypeptide.

IPC 1-7
A01N 37/18; **A61K 31/00**; **A61K 38/16**; **C07H 21/02**; **C07K 16/00**; **C12N 1/14**; **C12N 1/20**; **C12N 5/00**; **C12N 15/00**; **C12P 21/06**; **C12Q 1/68**

IPC 8 full level
A01K 67/027 (2006.01); **A61K 31/711** (2006.01); **A61K 38/00** (2006.01); **A61K 48/00** (2006.01); **A61P 35/02** (2006.01); **A61P 37/02** (2006.01); **C07K 14/47** (2006.01); **C07K 16/18** (2006.01); **C12N 1/15** (2006.01); **C12N 1/19** (2006.01); **C12N 1/21** (2006.01); **C12N 5/10** (2006.01); **C12N 15/09** (2006.01); **C12P 21/02** (2006.01); **C12Q 1/68** (2006.01)

CPC (source: EP)
A61P 35/02 (2017.12); **A61P 37/02** (2017.12); **C07K 14/4705** (2013.01); **A01K 2217/05** (2013.01); **A61K 38/00** (2013.01)

Citation (search report)
• [X] WO 9604372 A1 19960215 - GEN HOSPITAL CORP [US]
• [X] DATABASE EMBL_OV EMBL; 29 October 1997 (1997-10-29), TURPEN ET AL.: "Xenopus laevis ikaros-related transcription factor", XP002189272
• [X] MOLNAR ARPAD ET AL: "The Ikaros gene encodes a family of lymphocyte-restricted zinc finger DNA binding proteins, highly conserved in human and mouse.", JOURNAL OF IMMUNOLOGY, vol. 156, no. 2, 1996, pages 585 - 592, XP001055887, ISSN: 0022-1767
• [X] NIETFELD WILFRIED ET AL: "Cloning and sequencing of hlk-1, a cDNA encoding a human homologue of mouse Ikaros/LyF-1.", IMMUNOLOGY LETTERS, vol. 49, no. 1-2, 1996, pages 139 - 141, XP002189271, ISSN: 0165-2478
• [X] HANSEN JOHN D ET AL: "Conservation of a master hematopoietic switch gene during vertebrate evolution: Isolation and characterization of Ikaros and teleost and amphibian species.", EUROPEAN JOURNAL OF IMMUNOLOGY, vol. 27, no. 11, November 1997 (1997-11-01), pages 3049 - 3058, XP001056033, ISSN: 0014-2980
• [X] DATABASE SWISSPROT Swissprot; 1 January 1998 (1998-01-01), TURPEN J. ET AL.: "Ikaros-related transcription factor (fragment)", XP002189273
• See references of WO 9943208A1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
WO 9943208 A1 19990902; EP 1058500 A1 20001213; EP 1058500 A4 20020508; JP 2002504357 A 20020212

DOCDB simple family (application)
US 9904224 W 19990226; EP 99909641 A 19990226; JP 2000533017 A 19990226