

Title (en)  
HUMAN ENDOKINE ALPHA AND METHODS OF USE

Title (de)  
MENSCHLICHES ALPHA-ENDOKIN UND VERFAHREN ZU SEINER VERWENDUNG

Title (fr)  
ENDOKINE ALPHA HUMAIN ET METHODES D'UTILISATION

Publication  
**EP 1161451 A2 20011212 (EN)**

Application  
**EP 00913602 A 20000225**

Priority  
• US 0004722 W 20000225  
• US 12209999 P 19990226  
• US 13678899 P 19990528

Abstract (en)  
[origin: WO0050620A2] The present invention concerns a novel member of the tumor necrosis factor (TNF) family of cytokines. In particular, isolated nucleic acid molecules are provided encoding the endokine alpha protein. Endokine alpha polypeptides are also provided, as are vectors, host cells and recombinant methods for producing the same. Also provided are diagnostic and therapeutic methods concerning TNF family-related disorders.

IPC 1-7  
**C07K 14/52**; C12N 5/10; C12N 5/16; C12N 15/19; C12N 15/63; A61K 38/19; A61K 38/16

IPC 8 full level  
**C07K 14/525** (2006.01); **A61K 38/00** (2006.01)

CPC (source: EP)  
**A61P 1/00** (2017.12); **A61P 1/04** (2017.12); **A61P 1/16** (2017.12); **A61P 3/00** (2017.12); **A61P 3/08** (2017.12); **A61P 3/10** (2017.12); **A61P 5/14** (2017.12); **A61P 7/04** (2017.12); **A61P 7/06** (2017.12); **A61P 9/10** (2017.12); **A61P 11/00** (2017.12); **A61P 11/02** (2017.12); **A61P 11/06** (2017.12); **A61P 13/12** (2017.12); **A61P 17/00** (2017.12); **A61P 17/02** (2017.12); **A61P 17/04** (2017.12); **A61P 17/06** (2017.12); **A61P 19/00** (2017.12); **A61P 19/02** (2017.12); **A61P 19/04** (2017.12); **A61P 21/02** (2017.12); **A61P 21/04** (2017.12); **A61P 25/00** (2017.12); **A61P 25/16** (2017.12); **A61P 25/28** (2017.12); **A61P 27/02** (2017.12); **A61P 29/00** (2017.12); **A61P 31/04** (2017.12); **A61P 31/18** (2017.12); **A61P 33/00** (2017.12); **A61P 35/00** (2017.12); **A61P 35/02** (2017.12); **A61P 37/02** (2017.12); **A61P 37/04** (2017.12); **A61P 37/06** (2017.12); **A61P 37/08** (2017.12); **A61P 43/00** (2017.12); **C07K 14/5255** (2013.01); **A61K 38/00** (2013.01)

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**WO 0050620 A2 20000831**; **WO 0050620 A3 20001130**; AU 3501700 A 20000914; CA 2363779 A1 20000831; EP 1161451 A2 20011212; EP 1161451 A4 20060517; EP 2357192 A1 20110817; JP 2002537769 A 20021112; JP 2010252803 A 20101111

DOCDB simple family (application)  
**US 0004722 W 20000225**; AU 3501700 A 20000225; CA 2363779 A 20000225; EP 00913602 A 20000225; EP 10179623 A 20000225; JP 2000601183 A 20000225; JP 2010144290 A 20100624