

Title (en)

THERAPEUTIC AND DIAGNOSTIC METHODS BASED ON NEUROTROPHIN-4 EXPRESSION.

Title (de)

THERAPEUTISCHE UND DIAGNOSTISCHE METHODEN BASIEREND AUF DER NEUROTROPHEN-4 EXPRESSION.

Title (fr)

PROCEDES THERAPEUTIQUE ET DIAGNOSTIQUE BASES SUR L'EXPRESSION DE LA NEUROTROPHINE-4.

Publication

EP 0644937 A1 19950329 (EN)

Application

EP 93915340 A 19930611

Priority

- US 9305672 W 19930611
- US 89819492 A 19920612

Abstract (en)

[origin: WO9325684A1] The present invention relates to neurotrophin-4 (NT-4), a newly characterized member of the BDNF/NGF/NT-3 gene family. The present invention provides for nucleic acid molecules encoding NT-4. Such molecules may comprise a sequence substantially as set forth for NT-4 in the figure [SEQ ID NO:1 (NT-4, viper)]. The present invention provides for therapeutic and diagnostic methods based on human NT-4 expression, specifically the potential to treat motor neuron diseases and prostate localized diseases, immunological related neuromuscular disorders, and peripheral and central nervous system disorders including Alzheimer's disease, Parkinson's disease and Huntington's chorea and epilepsy.

IPC 1-7

C12N 15/12; **C12Q 1/68**; **C12P 21/08**; **A61K 38/00**

IPC 8 full level

C12N 15/09 (2006.01); **A61K 38/00** (2006.01); **A61K 38/22** (2006.01); **A61P 25/00** (2006.01); **A61P 25/28** (2006.01); **C07K 14/475** (2006.01); **C07K 14/48** (2006.01); **C07K 14/52** (2006.01); **C07K 14/71** (2006.01); **C12N 15/12** (2006.01); **C12P 21/02** (2006.01); **C12P 21/08** (2006.01); **C12R 1/91** (2006.01)

CPC (source: EP)

A61P 25/00 (2017.12); **A61P 25/28** (2017.12); **C07K 14/475** (2013.01); **C07K 14/48** (2013.01); **C07K 14/71** (2013.01); **A61K 38/00** (2013.01); **C07K 2319/02** (2013.01)

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 9325684 A1 19931223; AU 4535993 A 19940104; CA 2137799 A1 19931223; EP 0644937 A1 19950329; EP 0644937 A4 19950503; IL 106037 A0 19940826; JP H07509600 A 19951026

DOCDB simple family (application)

US 9305672 W 19930611; AU 4535993 A 19930611; CA 2137799 A 19930611; EP 93915340 A 19930611; IL 10603793 A 19930615; JP 50177594 A 19930611