

Title (en)
RECEPTORS FOR TGF-BETA-RELATED NEUROTROPHIC FACTORS

Title (de)
REZEPTOREN FÜR TGF BETA RELATED NEUROTROPHIC FACTORS

Title (fr)
RECEPTEURS DES FACTEURS NEUROTROPHIQUES ASSOCIES AU TGF-BETA

Publication
EP 0983296 A4 20021106 (EN)

Application
EP 98918515 A 19980416

Priority
• US 9807996 W 19980416
• US 4400797 P 19970417
• US 85998897 A 19970521

Abstract (en)
[origin: WO9846622A1] A novel growth factor receptor, TrnR2, is disclosed and the human and mouse amino acid sequences are identified. Human and mouse TrnR2 cDNA sequences have been cloned and sequenced. Subcloning the cDNA sequences into vectors and the preparation of cells stably transformed with the vectors are also disclosed. In addition, methods for treating degenerative conditions as well as conditions involving excess levels of GDNF or NTN, and methods for detecting and monitoring TrnR2 levels in patients are provided. Methods for identifying additional members of the TrnR family of growth factor receptors are also provided.

IPC 1-7
C07K 1/00; **C07K 14/00**; **C07K 16/00**; **C07K 17/00**; **A61K 38/24**; **A61K 38/27**; **A23J 1/00**; **C12P 21/06**; **C12N 5/00**; **C12N 15/00**; **G01N 33/00**

IPC 8 full level
C07K 14/71 (2006.01); **A61K 38/00** (2006.01)

CPC (source: EP)
C07K 14/71 (2013.01); **A61K 38/00** (2013.01); **C07K 2319/30** (2013.01); **G01N 2333/71** (2013.01)

Citation (search report)
• [PX] WO 9744356 A2 19971127 - BIOGEN INC [US], et al
• [PX] WO 9836072 A1 19980820 - GENENTECH INC [US]
• [X] DATABASE EMBL [online] 21 June 1996 (1996-06-21), HILLIER L. ET AL., XP002210549, retrieved from EBI Database accession no. W73681
• [X] DATABASE EMBL [online] 21 June 1996 (1996-06-21), HILLIER L. ET AL., XP002210550, retrieved from EBI Database accession no. W73633
• [PX] BALOH ROBERT H ET AL: "TrnR2, a novel receptor that mediates neurturin and GDNF signaling through Ret.", NEURON, vol. 18, no. 5, 1997, pages 793 - 802, XP002210548, ISSN: 0896-6273
• See references of WO 9846622A1

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CN109069636A

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 9846622 A1 19981022; AU 7142298 A 19981111; AU 748639 B2 20020606; CA 2291705 A1 19981022; EP 0983296 A1 20000308; EP 0983296 A4 20021106; NZ 501423 A 20020201

DOCDB simple family (application)
US 9807996 W 19980416; AU 7142298 A 19980416; CA 2291705 A 19980416; EP 98918515 A 19980416; NZ 50142398 A 19980416