

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  
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• 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.

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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)  
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• [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  
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• [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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**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

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