

Title (en)

CHIMERIC TRANSCRIPTIONAL ACTIVATORS AND COMPOSITIONS AND USES RELATED THERETO

Title (de)

CHIMÄRE TRANKRIPTIONSAKTIVATOREN SOWIE DAMIT VERBUNDENE VERBINDUNGEN UND VERWENDUNGEN

Title (fr)

ACTIVATEURS TRANSCRIPTIONNELS CHIMERES, COMPOSITIONS ET APPLICATIONS AFFERENTES

Publication

EP 1003886 A1 20000531 (EN)

Application

EP 97940681 A 19970827

Priority

US 9715219 W 19970827

Abstract (en)

[origin: WO9910508A1] The present invention relates to chimeric transcriptional activators. The chimeric transcription activator protein contains at least one composite transcription activation domain ("TAD") and at least one DBD. The composite TAD comprises a continuous polypeptide region containing two or more component polypeptide regions (also referred to as "activation tags"), at least two of which do not occur together in the same gene product in nature. In certain of these embodiments the chimeric protein comprises a ligand binding domain for allosteric activation, e.g. a receptor domain capable of binding a cell permeant ligand such as tetracycline or an analog thereof or a steroid such as RU486 or ecdysone, for example. In such cases, the chimeric transcription activator selectively activates transcription of a target gene in the presence of the respective ligand. In other embodiments the chimeric transcription activator is capable of activating target gene expression constitutively, i.e., without the need for the presence of any such ligand.

IPC 1-7

C12N 15/67; **C07K 14/39**; **C07K 14/035**; **C07K 14/47**; **C12N 15/62**; **A61K 38/18**

IPC 8 full level

A61K 48/00 (2006.01); **C07K 14/035** (2006.01); **C07K 14/39** (2006.01); **C07K 14/47** (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); **C12N 15/10** (2006.01); **C12N 15/67** (2006.01); **C12P 21/02** (2006.01)

CPC (source: EP)

C12N 15/1055 (2013.01); **C12N 15/67** (2013.01)

Citation (search report)

See references of WO 9910508A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 9910508 A1 19990304; AU 4240297 A 19990316; AU 752129 B2 20020905; CA 2303482 A1 19990304; EP 1003886 A1 20000531; IL 134643 A0 20010430; JP 2001514007 A 20010911

DOCDB simple family (application)

US 9715219 W 19970827; AU 4240297 A 19970827; CA 2303482 A 19970827; EP 97940681 A 19970827; IL 13464397 A 19970827; JP 2000507816 A 19970827