

Title (en)

G-PROTEIN COUPLED GLYCOPROTEIN HORMONE RECEPTOR AOMF05

Title (de)

ÜBER G-PROTEIN GEKUPPELTER GLYKOPROTEIN-HORMONREZEPTOR AOMF05

Title (fr)

RECEPTEUR HORMONAL GLYCOPROTEIQUE AOMF05 COUPLE PAR PROTEINES G

Publication

EP 1017709 A4 20011212 (EN)

Application

EP 98951942 A 19980924

Priority

- US 9820101 W 19980924
- US 5986897 P 19970924

Abstract (en)

[origin: WO9915545A1] This invention provides a novel G-protein coupled glycoprotein hormone receptor AOMF05, mutant and polymorphic forms of the receptor, nucleic acids encoding the same, expression vectors including the nucleic acids, host cells transformed with nucleic acids, transgenic knockout animals lacking the receptor and transgenic animals expressing a non-native receptor gene, antibodies against the receptor and polypeptides thereof and assays for modulators, agonists and antagonists of the receptor. The receptor proteins and polypeptides, nucleic acids, cells, animals and assays of this invention are useful in drug screening and development, diagnosis and therapeutic applications.

IPC 1-7

C07H 21/04

IPC 8 full level

A01K 67/027 (2006.01); **C07K 14/72** (2006.01); **C12N 15/09** (2006.01); **C12P 21/02** (2006.01); **G01N 33/00** (2006.01); **G01N 33/15** (2006.01); **G01N 33/50** (2006.01)

CPC (source: EP)

C07K 14/723 (2013.01); **G01N 33/5008** (2013.01); **G01N 33/502** (2013.01); **G01N 33/5091** (2013.01); **A01K 2217/05** (2013.01); **A01K 2217/075** (2013.01); **G01N 2333/726** (2013.01)

Citation (search report)

- [X] WO 9103483 A1 19910321 - NEW ENGLAND MEDICAL CENTER INC [US]
- [E] EP 0881289 A2 19981202 - SMITHKLINE BEECHAM CORP [US]
- [X] DATABASE GENBANK 2 March 1995 (1995-03-02), XP002179931
- See references of WO 9915545A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 9915545 A1 19990401; CA 2304986 A1 19990401; EP 1017709 A1 20000712; EP 1017709 A4 20011212; JP 2001517421 A 20011009

DOCDB simple family (application)

US 9820101 W 19980924; CA 2304986 A 19980924; EP 98951942 A 19980924; JP 2000512850 A 19980924