

Title (en)
HUMAN G-PROTEIN RECEPTOR HCEGH45

Title (de)
HUMANER G-PROTEINREZEPTOR HCEGH45

Title (fr)
HCEGH45, RECEPTEUR DE PROTEINES G HUMAINES

Publication
EP 0835264 A4 19981230 (EN)

Application
EP 95921615 A 19950606

Priority
US 9507188 W 19950606

Abstract (en)
[origin: WO9639439A1] A human G-protein receptor HCEGH45 polypeptide and DNA (RNA) encoding such polypeptide and a procedure for producing such polypeptide by recombinant techniques is disclosed. Also disclosed are methods for utilizing such polypeptide for identifying antagonists and agonists to such polypeptide. Antagonists against such polypeptides may be used therapeutically to treat PACAP hypersecretory conditions and to create pharmacological amnesia models while the agonists may be employed to treat amnesia and Alzheimer's disease. Also disclosed are diagnostic methods for detecting a mutation in the receptor nucleic acid sequences and detecting a level of the soluble form of the receptors in a sample derived from a host.

IPC 1-7
C07K 14/705; C07K 16/28; C12N 15/12

IPC 8 full level
G01N 33/53 (2006.01); **A61K 38/00** (2006.01); **A61K 45/00** (2006.01); **A61K 48/00** (2006.01); **A61P 1/04** (2006.01); **A61P 3/02** (2006.01); **A61P 7/02** (2006.01); **A61P 9/02** (2006.01); **A61P 9/08** (2006.01); **A61P 9/10** (2006.01); **A61P 9/12** (2006.01); **A61P 13/02** (2006.01); **A61P 15/00** (2006.01); **A61P 25/00** (2006.01); **A61P 25/04** (2006.01); **A61P 25/18** (2006.01); **A61P 25/24** (2006.01); **A61P 25/26** (2006.01); **A61P 37/08** (2006.01); **A61P 43/00** (2006.01); **C07K 14/705** (2006.01); **C07K 14/715** (2006.01); **C07K 16/28** (2006.01); **C12N 5/10** (2006.01); **C12N 15/09** (2006.01); **C12N 15/12** (2006.01); **C12P 21/02** (2006.01); **C12Q 1/68** (2006.01); **G01N 33/15** (2006.01); **C12R 1/91** (2006.01)

CPC (source: EP)
A61P 1/04 (2017.12); **A61P 3/02** (2017.12); **A61P 7/02** (2017.12); **A61P 9/02** (2017.12); **A61P 9/08** (2017.12); **A61P 9/10** (2017.12); **A61P 9/12** (2017.12); **A61P 13/02** (2017.12); **A61P 15/00** (2017.12); **A61P 25/00** (2017.12); **A61P 25/04** (2017.12); **A61P 25/18** (2017.12); **A61P 25/24** (2017.12); **A61P 25/26** (2017.12); **A61P 37/08** (2017.12); **A61P 43/00** (2017.12); **C07K 14/7158** (2013.01); **A61K 38/00** (2013.01); **A61K 48/00** (2013.01); **C12N 2799/026** (2013.01)

Citation (search report)
• [A] WO 9411504 A1 19940526 - GENENTECH INC [US]
• [A] BISHOFF S C ET AL: "RANTES AND RELATED CHEMOKINES ACTIVATE HUMAN BASOPHIL GRANULOCYTES THROUGH DIFFERENT G PROTEIN-COUPLED RECEPTORS", EUROPEAN JOURNAL OF IMMUNOLOGY, vol. 23, no. 3, 1 January 1993 (1993-01-01), pages 761 - 767, XP000567783
• See references of WO 9639439A1

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 9639439 A1 19961212; AU 2663495 A 19961224; CA 2221637 A1 19961212; EP 0835264 A1 19980415; EP 0835264 A4 19981230; JP H11506921 A 19990622

DOCDB simple family (application)
US 9507188 W 19950606; AU 2663495 A 19950606; CA 2221637 A 19950606; EP 95921615 A 19950606; JP 50037097 A 19950606