

Title (en)  
HUMAN G-PROTEIN CHEMOKINE RECEPTOR HDGNR10

Title (de)  
MENSCHLICHER G-PROTEIN CHEMOKINREZEPTOR HDGNR10

Title (fr)  
CHEMOKINE RECEPTEUR HDGNR10 AUX PROTEINES G HUMAINES

Publication  
**EP 0815137 A4 19980805 (EN)**

Application  
**EP 95921613 A 19950606**

Priority

- CA 2216990 A 19971127
- US 9507173 W 19950606

Abstract (en)  
[origin: WO9639437A1] Human G-protein chemokine receptor polypeptides and DNA (RNA) encoding such polypeptides and a procedure for producing such polypeptides by recombinant techniques is disclosed. Also disclosed are methods for utilizing such polypeptides for identifying antagonists and agonists to such polypeptides and methods of using the agonists and antagonists therapeutically to treat conditions related to the underexpression and overexpression of the G-protein chemokine receptor polypeptides, respectively. Also disclosed are diagnostic methods for detecting a mutation in the G-protein chemokine 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; C12N 15/12**

IPC 8 full level  
**G01N 33/53** (2006.01); **A61K 38/00** (2006.01); **A61K 39/395** (2006.01); **A61K 45/00** (2006.01); **A61K 48/00** (2006.01); **A61P 43/00** (2006.01); **C07K 14/715** (2006.01); **C07K 16/28** (2006.01); **C12N 1/21** (2006.01); **C12N 5/10** (2006.01); **C12N 15/09** (2006.01); **C12N 15/12** (2006.01); **G01N 33/566** (2006.01)

CPC (source: EP)  
**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)

- [E] WO 9519436 A1 19950720 - UNIV CALIFORNIA [US], et al
- [X] CHARO I F ET AL: "MOLECULAR CLONING AND FUNCTIONAL EXPRESSION OF TWO MONOCYTE CHEMOATTRACTANT PROTEIN 1 RECEPTORS REVEALS ALTERNATIVE SPLICING OF THE CARBOXYL-TERMINAL TAILS", PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA, vol. 91, 1 March 1994 (1994-03-01), pages 2752 - 2756, XP000571082
- [X] YAMAGAMI S ET AL: "CDNA CLONING AND FUNCTIONAL EXPRESSION OF A HUMAN MONOCYTE CHEMOATTRACTANT PROTEIN 1 RECEPTOR", BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, vol. 202, no. 2, 29 July 1994 (1994-07-29), pages 1156 - 1162, XP000571066
- See references of WO 9639437A1

Cited by  
US8821877B2; US7736649B2; US7858298B1; US7935797B2; US7666419B2; US7122185B2; US7851600B2; US7345153B2; US7862994B2; US7901685B2

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 9639437 A1 19961212**; AU 2663295 A 19961224; CA 2216990 A1 19971227; EP 0815137 A1 19980107; EP 0815137 A4 19980805; JP H10510719 A 19981020

DOCDB simple family (application)  
**US 9507173 W 19950606**; AU 2663295 A 19950606; CA 2216990 A 19971127; EP 95921613 A 19950606; JP 50036797 A 19950606