

Title (en)  
HUMAN GLUCAGON-LIKE 1 PEPTIDE RECEPTOR

Title (de)  
REZEPTOR FÜR MENSCHLICHES GLUCAGON-ÄHNLICHES 1 PEPTID

Title (fr)  
UTILISATION DE L'HORMONE HUMAINE GLUCAGON COMME RECEPTEUR DE PEPTIDES 1

Publication  
**EP 0716694 A4 19970604 (EN)**

Application  
**EP 94925207 A 19940803**

Priority  
• US 9408913 W 19940803  
• US 10451793 A 19930809

Abstract (en)  
[origin: WO9504821A1] The human GLP-1 receptor is cloned and used in an in vitro assay to screen for compounds that specifically bind to the human GLP-1 receptor, including compounds effective to reduce symptoms of diabetes. The invention includes the assay, the cloned human receptor used in the assay, an isolated human GLP-1 receptor free of other human proteins, and compounds identified through the use of this novel, cloned receptor, which selectively bind the human GLP-1 receptor.

IPC 1-7  
**C12N 15/12**; **C12N 15/63**; **C12N 5/10**; **C12Q 1/02**

IPC 8 full level  
**C12N 15/09** (2006.01); **A61K 38/26** (2006.01); **A61P 3/08** (2006.01); **A61P 3/10** (2006.01); **C07H 21/04** (2006.01); **C07K 14/605** (2006.01); **C07K 14/72** (2006.01); **C12N 5/10** (2006.01); **C12N 15/12** (2006.01); **C12P 21/02** (2006.01); **C12Q 1/02** (2006.01); **C12R 1/91** (2006.01)

CPC (source: EP)  
**A61P 3/08** (2017.12); **A61P 3/10** (2017.12); **C07K 14/605** (2013.01); **C07K 14/72** (2013.01)

Citation (search report)  
• [PX] WO 9319175 A1 19930930 - THORENS BERNARD [CH]  
• [PX] GRAZIANO MP ET AL: "Cloning and functional expression of a human glucagon-like peptide-1 receptor.", BIOCHEM BIOPHYS RES COMMUN, OCT 15 1993, 196 (1) P141-6, UNITED STATES, XP002028256  
• See references of WO 9504821A1

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)  
**WO 9504821 A1 19950216**; CA 2168448 A1 19950216; EP 0716694 A1 19960619; EP 0716694 A4 19970604; JP H09501054 A 19970204

DOCDB simple family (application)  
**US 9408913 W 19940803**; CA 2168448 A 19940803; EP 94925207 A 19940803; JP 50655495 A 19940803