

Title (en)
HUMAN STANNIOCALCIN-ALPHA

Title (de)
MENSCHLICHES STANNIOCALCIN-ALPHA

Title (fr)
STANNIOCALCINE-ALPHA HUMAINE

Publication
EP 0797592 A4 19991020 (EN)

Application
EP 95904073 A 19941110

Priority
US 9413206 W 19941110

Abstract (en)
[origin: WO9615147A1] A human stannioalcin-alpha 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 the treatment of electrolyte disorders which lead to renal, bone and heart diseases and osteoporosis and Paget's Disease. Antagonists against such polypeptides and their use therapeutically to treat hypocalcemia and osteoporosis are also disclosed. Use of the stannioalcin-alpha sequence as a diagnostic to detect diseases or the susceptibility to diseases related to a mutated form of stannioalcin-alpha sequences is also disclosed.

IPC 1-7
C07K 14/585; **C07K 16/26**; **C12N 15/16**

IPC 8 full level
C12N 15/09 (2006.01); **A61K 38/00** (2006.01); **A61P 3/02** (2006.01); **A61P 7/00** (2006.01); **A61P 43/00** (2006.01); **C07K 14/575** (2006.01); **C07K 16/26** (2006.01); **C12N 1/21** (2006.01); **C12N 5/10** (2006.01); **C12P 21/02** (2006.01); **C12Q 1/02** (2006.01); **C12R 1/19** (2006.01); **C12R 1/91** (2006.01)

CPC (source: EP KR)
A61P 3/02 (2017.12 - EP); **A61P 7/00** (2017.12 - EP); **A61P 43/00** (2017.12 - EP); **C07K 14/575** (2013.01 - EP KR); **C07K 16/26** (2013.01 - KR); **C12N 15/11** (2013.01 - KR); **A61K 38/00** (2013.01 - EP); **C07K 2319/02** (2013.01 - EP); **C12N 2799/026** (2013.01 - EP)

Citation (search report)
• [T] WO 9524411 A1 19950914 - HUMAN GENOME SCIENCES INC [US]
• [AD] BUTKUS A ET AL: "PURIFICATION AND CLONING OF A CORPUSCLES OF STANNIUS PROTEIN FROM ANGUILLA AUSTRALIS", MOLECULAR AND CELLULAR ENDOCRINOLOGY, vol. 54, no. 2/03, 1 December 1987 (1987-12-01), pages 123 - 133, XP000605664, ISSN: 0303-7207
• [AD] WAGNER G F ET AL: "MOLECULAR CLONING AND CDNA SEQUENCE ANALYSIS OF COHO SALMON STANNIOCALCIN", MOLECULAR AND CELLULAR ENDOCRINOLOGY, vol. 90, no. 1, 1 December 1992 (1992-12-01), pages 7 - 15, XP000605660, ISSN: 0303-7207
• See references of WO 9615147A1

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 9615147 A1 19960523; AU 1289695 A 19960606; AU 687962 B2 19980305; EP 0797592 A1 19971001; EP 0797592 A4 19991020; JP H10509036 A 19980908; KR 100432260 B1 20040916; KR 970707155 A 19971201; NZ 277605 A 19990329

DOCDB simple family (application)
US 9413206 W 19941110; AU 1289695 A 19941110; EP 95904073 A 19941110; JP 51600696 A 19941110; KR 19970703099 A 19970509; NZ 27760597 A 19970529