

Title (en)

NOVEL ESK POTASSIUM CHANNEL POLYPEPTIDE AND POLYNUCLEOTIDE COMPOSITIONS

Title (de)

ESK-KALIUMKANAL-POLYPEPTID UND POLYNUKLEOTIDZUSAMMENSETZUNGEN

Title (fr)

NOUVEAU POLYPEPTIDE ESK DU CANAL POTASSIUM ET COMPOSITIONS POLYNUCLEOTIDIQUES

Publication

EP 1105406 A4 20041215 (EN)

Application

EP 99941162 A 19990813

Priority

- US 9918556 W 19990813
- US 9657098 P 19980814

Abstract (en)

[origin: WO0009534A1] The present invention provides a novel potassium channel subunit (ESK) and polynucleotides which identify and encode ESK. The invention also provides expression vectors and host cells comprising nucleic acid sequence encoding ESK. The invention also provides antibodies of ESK and methods of diagnosing and treating diseases associated with expression of ESK, and screening assays employing the polypeptide, nucleotide, and antibody compositions.

IPC 1-7

C07H 21/04; C07K 14/00; C12N 15/63; C12N 15/85; C12N 15/86

IPC 8 full level

G01N 33/53 (2006.01); **A61K 31/711** (2006.01); **A61K 38/00** (2006.01); **A61K 48/00** (2006.01); **A61P 25/16** (2006.01); **A61P 25/18** (2006.01); **A61P 25/22** (2006.01); **A61P 25/24** (2006.01); **A61P 25/28** (2006.01); **C07H 21/00** (2006.01); **C07K 14/47** (2006.01); **C07K 14/705** (2006.01); **C07K 16/18** (2006.01); **C12N 1/15** (2006.01); **C12N 1/19** (2006.01); **C12N 1/21** (2006.01); **C12N 5/10** (2006.01); **C12N 15/09** (2006.01); **C12P 21/08** (2006.01); **C12Q 1/68** (2006.01); **G01N 33/566** (2006.01)

CPC (source: EP)

A61P 25/16 (2017.12); **A61P 25/18** (2017.12); **A61P 25/22** (2017.12); **A61P 25/24** (2017.12); **A61P 25/28** (2017.12); **C07K 14/705** (2013.01); **A61K 38/00** (2013.01)

Citation (search report)

- [PX] WO 9937677 A1 19990729 - YAMANOUCHI PHARMA CO LTD [JP], et al
- See references of WO 0009534A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 0009534 A1 20000224; AU 5487199 A 20000306; CA 2339406 A1 20000224; EP 1105406 A1 20010613; EP 1105406 A4 20041215; JP 2003527818 A 20030924

DOCDB simple family (application)

US 9918556 W 19990813; AU 5487199 A 19990813; CA 2339406 A 19990813; EP 99941162 A 19990813; JP 2000564984 A 19990813