

Title (en)  
HUMAN PROSTATIC SPECIFIC REDUCTASE

Title (de)  
MENSCHLICHE, PROSTATA-SPEZIFISCHE REDUKTASE

Title (fr)  
REDUCTASE SPECIFIQUE DE LA PROSTATE CHEZ L'HOMME

Publication  
**EP 0804546 A1 19971105 (EN)**

Application  
**EP 95911712 A 19950120**

Priority  
US 9501827 W 19950120

Abstract (en)  
[origin: WO9622360A1] A human prostatic specific reductase polypeptide and polynucleotides encoding such polypeptide and a procedure for producing such polypeptide by recombinant techniques is disclosed. Also disclosed are methods for utilizing such polynucleotides as a diagnostic marker for prostate cancer and as an agent to determine if the prostate cancer has metastasized. Also disclosed are antibodies specific to the prostatic specific reductase polypeptide which may be used to target prostate cancer cells and be used as part of a prostate cancer vaccine. Methods of screening for agonists and antagonists for the polypeptide and therapeutic uses of the antagonists are also disclosed.

IPC 1-7  
**C12N 1/21**; **C12N 5/10**; **C12N 9/02**; **C12N 15/10**; **C12N 15/11**; **C12N 15/12**; **C12N 15/53**; **C12N 15/63**; **C07K 14/47**; **C12Q 1/68**; **C12Q 1/26**

IPC 8 full level  
**G01N 33/50** (2006.01); **C07K 16/40** (2006.01); **C12N 1/21** (2006.01); **C12N 5/10** (2006.01); **C12N 9/02** (2006.01); **C12N 15/00** (2006.01); **C12N 15/09** (2006.01); **C12Q 1/68** (2006.01); **G01N 33/53** (2006.01); **A61K 38/00** (2006.01); **A61K 39/00** (2006.01); **C12R 1/19** (2006.01); **C12R 1/91** (2006.01)

CPC (source: EP US)  
**C12N 9/0004** (2013.01 - EP); **A61K 38/00** (2013.01 - EP); **A61K 39/00** (2013.01 - EP US)

Cited by  
EP1692936A1

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 9622360 A1 19960725**; AU 1918095 A 19960807; EP 0804546 A1 19971105; EP 0804546 A4 20000920; JP H10513044 A 19981215

DOCDB simple family (application)  
**US 9501827 W 19950120**; AU 1918095 A 19950120; EP 95911712 A 19950120; JP 52222496 A 19950120