

Title (en)  
TELOMERASE PROTEIN COMPONENT

Title (de)  
TELOMERASE PROTEIN-KOMPONENTE

Title (fr)  
FRACTION PROTEINIQUE DE LA TELOMERASE

Publication  
**EP 0799315 A2 19971008 (EN)**

Application  
**EP 95943470 A 19951218**

Priority  
• US 9516531 W 19951218  
• US 35912594 A 19941219

Abstract (en)  
[origin: WO9619580A2] Genes encoding the amino acid sequences of the protein component of Tetrahymena telomerase and methods for their preparation and use are disclosed. The protein component is comprised of two subunit polypeptides, and 80 kD and a 95 kD polypeptide. Methods for deducing the protein component of human telomerase and its uses are also described. The telomerase protein component may be used to develop diagnostic procedures for detection of telomerase activity in cancers, microbial diseases, and other disorders, and to produce therapeutic compounds to inhibit or enhance telomerase activity.

IPC 1-7  
**C12N 15/54**; **C12N 9/12**; **A61K 38/45**; **C12Q 1/48**; **C07K 16/40**; **G01N 33/573**; **A01K 67/027**

IPC 8 full level  
**A01K 67/027** (2006.01); **A61K 31/70** (2006.01); **A61K 35/76** (2006.01); **A61K 38/55** (2006.01); **A61K 39/395** (2006.01); **A61K 45/00** (2006.01); **A61K 48/00** (2006.01); **A61P 31/00** (2006.01); **A61P 31/12** (2006.01); **A61P 35/00** (2006.01); **A61P 43/00** (2006.01); **C07K 16/40** (2006.01); **C12N 1/21** (2006.01); **C12N 5/10** (2006.01); **C12N 9/12** (2006.01); **C12N 15/09** (2006.01); **C12N 15/54** (2006.01); **C12P 21/08** (2006.01); **G01N 33/573** (2006.01); **A61K 38/00** (2006.01); **C12R 1/19** (2006.01)

CPC (source: EP)  
**A61P 31/00** (2017.12); **A61P 31/12** (2017.12); **A61P 35/00** (2017.12); **A61P 43/00** (2017.12); **C12N 9/1241** (2013.01); **A01K 2217/05** (2013.01); **A61K 38/00** (2013.01); **A61K 48/00** (2013.01); **C07K 2319/00** (2013.01)

Citation (search report)  
See references of WO 9619580A2

Cited by  
US7517971B1; US7622549B2; US8709995B2; US7585622B1; US8236774B2

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 9619580 A2 19960627**; **WO 9619580 A3 19960829**; EP 0799315 A2 19971008; JP H10513343 A 19981222

DOCDB simple family (application)  
**US 9516531 W 19951218**; EP 95943470 A 19951218; JP 51993996 A 19951218