

Title (en)

MURD PROTEIN AND GENE OF *STREPTOCOCCUS PYOGENES*

Title (de)

MURD-PROTEIN UND -GEN AUS *STREPTOCOCCUS PYOGENES*

Title (fr)

PROTEINE *MURD* ET GENE DE *STREPTOCOCCUS PYOGENES*

Publication

EP 1029033 A1 20000823 (EN)

Application

EP 98957435 A 19981030

Priority

- US 9823054 W 19981030
- US 6420597 P 19971104

Abstract (en)

[origin: WO9923201A1] This invention provides the murD gene of *Streptococcus pyogenes*. Purified and isolated MurD recombinant proteins are also provided. Nucleic acid sequences which encode functionally active MurD proteins are described. Assays for the identification of modulators of the expression of murD and inhibitors of the activity of MurD, are also provided.

IPC 1-7

C12N 1/00; C12N 5/10; C12N 9/00; C12N 15/52; C12N 15/63; C12Q 1/68

IPC 8 full level

C07K 14/315 (2006.01); **C12N 1/15** (2006.01); **C12N 1/19** (2006.01); **C12N 1/21** (2006.01); **C12N 5/10** (2006.01); **C12N 9/00** (2006.01); **C12N 15/09** (2006.01); **C12P 21/02** (2006.01); **G01N 33/573** (2006.01); **A61K 38/00** (2006.01)

CPC (source: EP)

C12N 9/93 (2013.01); **A61K 38/00** (2013.01)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 9923201 A1 19990514; CA 2309005 A1 19990514; EP 1029033 A1 20000823; EP 1029033 A4 20021120; JP 2001521735 A 20011113

DOCDB simple family (application)

US 9823054 W 19981030; CA 2309005 A 19981030; EP 98957435 A 19981030; JP 2000519061 A 19981030