

Title (en)  
HUMAN MITOCHONDRIAL NAD(P)?+ -DEPENDENT MALATE ENZYME.

Title (de)  
HUMANES MITOCHONDRIALES NAD(P)+ -ABHÄNGIGES MALATENZYM.

Title (fr)  
ENZYME DE MALATE DEPENDANTE DU NAD(P)?+ MITOCHONDRIAL HUMAIN.

Publication  
**EP 0547074 A1 19930623 (DE)**

Application  
**EP 91914750 A 19910823**

Priority  
• DE 4028618 A 19900908  
• DE 4120178 A 19910619

Abstract (en)  
[origin: WO9204448A2] The invention concerns a human mitochondrial NAD(P)<+>-dependent malate enzyme, the DNA coding for this enzyme and the recombinant malate enzyme. The invention is applicable to anti-malate-enzyme antibodies.

Abstract (fr)  
Enzyme de malate dépendante du NAD(P)+ mitochondrial humain, son ADN de codage et enzyme recombinante de malate, ainsi qu'anticorps anti-enzyme de malate.

IPC 1-7  
**C12N 1/20; C12N 5/12; C12N 9/04; C12N 15/53; C12P 21/08; C12Q 1/26**

IPC 8 full level  
**C07K 16/40** (2006.01); **C12N 1/21** (2006.01); **C12N 9/04** (2006.01); **C12N 15/02** (2006.01); **C12N 15/09** (2006.01); **C12N 15/53** (2006.01); **C12P 21/08** (2006.01); **G01N 33/53** (2006.01); **G01N 33/573** (2006.01); **C12R 1/19** (2006.01); **C12R 1/91** (2006.01)

CPC (source: EP)  
**C07K 16/40** (2013.01); **C12N 9/0006** (2013.01)

Citation (search report)  
See references of WO 9204448A2

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)  
**WO 9204448 A2 19920319; WO 9204448 A3 19920430; EP 0547074 A1 19930623; JP H06501608 A 19940224**

DOCDB simple family (application)  
**EP 9101602 W 19910823; EP 91914750 A 19910823; JP 51357591 A 19910823**