

Title (en)
CORYNEBACTERIUM GLUTAMICUM GENES ENCODING PROTEINS INVOLVED IN MEMBRANE SYNTHESIS AND MEMBRANE TRANSPORT

Title (de)
CORYNEBACTERIUM GLUTAMICUM GENE KODIEREND FÜR PROTEINE DIE IN DER SYNTHESE UND DEM TRANSPORT DER MEMBRANE INVOLVIERT SIND

Title (fr)
PROTEINES CODANT POUR LES GENES CORYNEBACTERIUM GLUTAMICUM, INTERVENANT DANS LA SYNTHÈSE DE LA MEMBRANE ET LE TRANSPORT DE LA MEMBRANE

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Abstract (en)
[origin: WO0100805A2] Isolated nucleic acid molecules, designated MCT nucleic acid molecules, which encode novel MCT proteins from *Corynebacterium glutamicum* are described. The invention also provides antisense nucleic acid molecules, recombinant expression vectors containing MCT nucleic acid molecules, and host cells into which the expression vectors have been introduced. The invention still further provides isolated MCT proteins, mutated MCT proteins, fusion proteins, antigenic peptides and methods for the improvement of production of a desired compound from *C. glutamicum* based on genetic engineering of MCT genes in this organism.

IPC 1-7
C12N 15/31; **C07K 14/34**; **C12N 15/52**; **C12Q 1/68**; **C12P 1/04**; **C12P 13/04**; **C12N 1/21**

IPC 8 full level
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IPC 8 main group level
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CPC (source: EP KR)
C07K 14/34 (2013.01 - EP); **C12N 15/11** (2013.01 - KR)

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See references of WO 0100805A2

Citation (examination)
WRAY J.V. ET AL: "The nitrogen-regulated Bacillus subtilis nrgAB operon encodes a membrane protein and a protein highly similar to the Escherichia coli glnB-encoded PII protein", JOURNAL OF BACTERIOLOGY, vol. 176, no. 1, January 1994 (1994-01-01), pages 108 - 114

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