

Title (en)

A PORIN GENE FROM CAMPYLOBACTER JEJUNI, RELATED PRODUCTS AND USES THEREOF

Title (de)

Porin-Gen aus Campylobacter jejuni, verwandte Produkte und dessen Verwendungen

Title (fr)

GENE DE PORINE EXTRAIT DE CAMPYLOBACTER JEJUNI, PRODUITS APPARENTES ET LEURS UTILISATIONS

Publication

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Application

**EP 98912174 A 19980325**

Priority

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- US 4120097 P 19970325

Abstract (en)

[origin: WO9842842A1] The invention relates to a porin gene from Campylobacter jejuni [SEQ ID NO:3]. The gene has been designated porA and is 1275 bp in length and expresses a protein of 45.6 kDa having a pI of 4.44 [SEQ ID NO:2]. The sequencing and cloning of the gene makes possible various medical and industrial uses. For examples, knowledge of the DNA code makes it possible to design DNA probes for identification of the gene in samples for testing. A positive result indicates the presence of the gene in the sample and is a strong indicator of the presence of C. jejuni. Such probes can also be used to isolate the corresponding cDNA, that may then be amplified by polymerase chain reaction. The development of DNA probes based on a known sequence is a known procedure that is familiar to persons skilled in the art and it will be possible for such persons to develop suitable probes without undue experimentation. Normally, such probes would consist of at least 15 consecutive nucleotides from the cDNA sequence.

IPC 1-7

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