

Title (en)

RECOMBINANT BPI-BASED AND LBP-BASED PROTEINS, NUCLEIC ACID MOLECULES ENCODING SAME, METHODS OF PRODUCING SAME, AND USES THEREOF

Title (de)

REKOMBINANTE, AUD BPI UND LBP BASIERENDE PROTEINE, DIE FÜR SIE KODIERENDEN NUKLEINSÄUREN, VERFAHREN ZU IHRER HERSTELLUNG UND IHRE VERWENDUNG

Title (fr)

PROTEINES DE RECOMBINAISON DE TYPE AUGMENTANT LA PERMEABILITE BACTERICIDE (BPI) ET DE TYPE FIXANT LE LIPOSACCHARIDE (LBD), MOLECULES CODANT POUR CES PROTEINES, LEURS PROCEDES DE PRODUCTION ET LEURS UTILISATIONS

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Application

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Abstract (en)

[origin: WO9425476A1] The subject invention provides recombinant nucleic acid molecules which encode a BPI variant, an LBP variant, an LBP-BPI chimera, a BPI-IgG chimera, an LBP-IgG chimera, or an LBP-BPI-IgG chimera, and the proteins encoded thereby. The subject invention further provides host vector systems for the production of a BPI variant, LBP variant, LBP-BPI chimera, BPI-IgG chimera, LBP-IgG chimera, or LBP-BPI-IgG chimera, and methods of using same for producing said proteins. The subject invention provides a pharmaceutical composition, which comprises a therapeutically effective amount of a BPI variant, an LBP variant, an LBP-BPI chimera, a BPI-IgG chimera, an LBP-IgG chimera, or an LBP-BPI-IgG chimera, and a pharmaceutically acceptable carrier, and the method of using same to treat a subject suffering from an endotoxin-related disorder. Finally, the subject invention provides a method of preventing an endotoxin-related disorder in a subject, which comprises administering to the subject a prophylactically effective amount of a BPI variant, an LBP variant, an LBP-BPI chimera, a BPI-IgG chimera, an LBP-IgG chimera.

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Citation (search report)

- [XY] WO 9203535 A1 19920305 - INCYTE PHARMA INC [US]
- [XY] WO 9305797 A1 19930401 - INCYTE PHARMA INC [US]
- [XY] WO 9306228 A1 19930401 - INCYTE PHARMA INC [US]
- [X] WO 9009183 A1 19900823 - INVITRON CORP [US]
- [Y] EP 0464533 A1 19920108 - BEHRINGWERKE AG [DE], et al
- [PX] WO 9323434 A2 19931125 - XOMA CORP [US]
- [T] AU-YOUNG J ET AL.: "A novel LBP-BPI fusion protein with in vivo efficacy and longer half life.", JOURNAL OF ENDOTOXIN RESEARCH, vol. 2, June 1995 (1995-06-01), pages 209 - 212, XP000611392
- See references of WO 9425476A1

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