

Title (en)
NUCLEIC ACID AND POLYPEPTIDE P10 OF A BORNA DISEASE VIRUS (BDV) AND THEIR USE FOR DIAGNOSTIC AND IMMUNIZATION PURPOSES

Title (de)
P10 POLYPEPTID DES BORNA-DISEASE-VIRUS (BDV) UND DIE DAFÜR KODIERENDE NUKLEINSÄURE UND IHRE VERWENDUNG FÜR DIAGNOSTISCHE UND IMPFZWECKE

Title (fr)
ACIDE NUCLEIQUE ET POLYPEPTIDE P10 D'UN VIRUS DE LA MALADIE DE BORNA (BDV) ET LEUR UTILISATION A DES FINS DE DIAGNOSTIC ET D'IMMUNISATION

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Application
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Abstract (en)
[origin: WO0012548A1] One aspect of the present invention is a polypeptide having at least one bioactivity of a polypeptide p10 of a Borina Disease Virus. A second aspect of the present invention is a specific binding member, such as an antibody, that binds with at least a portion of a polypeptide p10 of a Borina Disease Virus. A third aspect of the present invention is a nucleic acid molecule that encodes a polypeptide having at least one bioactivity of a polypeptide p10 of a Borina Disease Virus. A fourth aspect of the present invention is a test kit that includes at least one of: a polypeptide of the present invention, a specific binding member of the present invention or a nucleic acid molecule of the present invention. A fifth aspect of the present invention is a vaccine and method of immunization that includes at least one of: a polypeptide of the present invention, a specific binding member of the present invention or a nucleic acid molecule of the present invention. A sixth aspect of the present invention is a method of diagnosis that includes at least one of: a polypeptide of the present invention, a specific binding member of the present invention or a nucleic acid molecule of the present invention. A seventh aspect of the present invention is a method of identifying a test compound or bioactivity, preferably bioactivities that are useful in the present invention.

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Citation (search report)
• [YX] DATABASE EBI [online] 1 November 1996 (1996-11-01), "Borna Disease Virus, p14", XP002200412, Database accession no. Q86622 & PYPYER, J. M. ET AL: "Genomic organization of the structural proteins of borna disease virus revealed by a cDNA clone encoding the 38-kDa protein", VIROLOGY, vol. 195, 1993, pages 229 - 238, XP002003550
• [XY] DATABASE EBI [online] 6 April 1998 (1998-04-06), MALIK, T.H. ET AL: "Synthetic construct clone ORFx1-FLAG containing modified Borna Disease Virus ORFx1", XP002200413, Database accession no. af030353
• [PX] MALIK, T. H. ET AL: "Nuclear localization of the protein from the open reading frame x1 of the borna disease virus was through interactions with the viral nucleoprotein", VIROLOGY, vol. 258, no. 1, 25 May 1999 (1999-05-25), pages 65 - 72, XP001071213
• See also references of WO 0012548A1

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