

Title (en)  
MOTIF OF BECLIN PROTEIN WHICH INTERACTS WITH ANTI-APOPTOTIC MEMBERS OF THE FAMILY OF BCL-2 PROTEINS AND USE THEREOF

Title (de)  
MIT ANTI-APOPTOTISCHEN MITGLIEDERN DER BCL-2 PROTEIN-FAMILIE INTERAGIERENDES BECLIN-PROTEINMOTIV UND DESSEN VERWENDUNG

Title (fr)  
MOTIF DE LA PROTEINE BECLIN INTERAGISSANT AVEC LES MEMBRES ANTI-APOPTOTIQUES DE LA FAMILLE DE PROTEINES BCL-2 ET UTILISATIONS

Publication  
**EP 1844066 A1 20071017 (FR)**

Application  
**EP 06709201 A 20060131**

Priority  
• FR 2006000205 W 20060131  
• FR 0500977 A 20050201

Abstract (en)  
[origin: FR2881429A1] Identifying modulators of programmed cell death, comprising interacting the motif of beclin protein and anti-apoptotic member of Bcl-2, Bcl-XL/Bcl-W protein family and detecting the interaction optionally in presence of a compound to be tested, is new. Identifying modulators of programmed dead cells, comprising interacting the motif of beclin protein and anti-apoptotic member of Bcl-2, Bcl-XL/Bcl-W protein family and detecting the interaction optionally in presence of a compound, is new. The motif comprises Gly-Thr-Met-Glu-Asn-Leu-Ser-Arg-Arg-Leu-Lys-Val-Thr-Gly-Asp-Leu-Phe-Asp-Ile-Met-Ser-Gly-Gln-Thr-Asp-Val (SEQ ID NO. 1). Independent claims are included for: (1) a sequence of amino acids comprising (SEQ ID NO. 1); (2) a nucleic acid sequence (SEQ ID NO. 2) encoding the amino acid sequence of (1); (3) a nucleic acid sequence deduced from the genetic code of (SEQ ID NO. 1); (4) a recombinant vector comprising the nucleic acid sequence of (2); (5) a host cell transformed by the vector of (5); (6) a peptide comprising (SEQ ID NO. 1); (7) a peptide encoded by (SEQ ID NO. 2) or the nucleic acid sequence of (3); (5) a pharmaceutical composition comprising the peptide of (6) or (7). ACTIVITY : Cytostatic; Apoptotic. No biological data given. MECHANISM OF ACTION : None given.

IPC 8 full level  
**C07K 14/435** (2006.01); **A61K 38/17** (2006.01); **A61P 35/00** (2006.01); **C12N 15/12** (2006.01); **C12N 15/63** (2006.01); **G01N 33/566** (2006.01); **G01N 33/58** (2006.01); **G01N 33/68** (2006.01)

CPC (source: EP US)  
**A61P 35/00** (2018.01 - EP); **A61P 43/00** (2018.01 - EP); **C07K 14/4747** (2013.01 - EP US); **G01N 33/542** (2013.01 - EP US); **G01N 33/57496** (2013.01 - EP US); **G01N 2510/00** (2013.01 - EP US)

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