

Title (en)  
RECOMBINANT EXTRACELLULAR CHITINASES AND USES THEREOF

Title (de)  
REKOMBINANTE, EXTRAZELLELÄRE CHITINASEN UND DEREN ANWENDUNGEN

Title (fr)  
CHITINASES EXTRA-CELLULAIRES RECOMBINEES ET LEUR UTILISATION

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Application  
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Abstract (en)  
[origin: WO0024874A1] The present invention features isolated polynucleotides and polypeptides that relate to extracellular chitinase (E-Chitinase) from a marine organism and particularly certain *Vibrio* and especially *Vibrio furnissii*. Also featured are methods of using the isolated polynucleotides and polypeptides to make specific chitin oligosacharrides.

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CPC (source: EP)  
**C12N 9/2442** (2013.01); **C12P 19/26** (2013.01); **C12Y 302/01014** (2013.01)

Citation (search report)  
• [X] HIRONO I ET AL: "NOTE: MOLECULAR CLONING OF CHITINASE GENES FROM VIBRIO ANGUILLARUM AND V. PARAHAEMOLYTICUS", JOURNAL OF APPLIED MICROBIOLOGY, OXFORD, GB, vol. 84, no. 6, June 1998 (1998-06-01), pages 1175 - 1178, XP001034179, ISSN: 1364-5072  
• [X] KEYHANI N ET AL: "The chitin catabolic cascade in *Vibrio furnissii*: Kinetic properties of an endo- and an exochitinase", FASEB JOURNAL, FED. OF AMERICAN SOC. FOR EXPERIMENTAL BIOLOGY, BETHESDA, MD, US, vol. 7, no. 7, 1993, pages A1241, XP002184423, ISSN: 0892-6638  
• See references of WO 0024874A1

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