

Title (en)
HAEMOCYANIN FROM ABALONE AND PROCESS OF PURIFICATION THEREOF

Title (de)
HÄMOCYANIN AUS ABALONEN UND VERFAHREN ZU DESSEN AUFREINIGUNG

Title (fr)
HEMOCYANINE D'ORMEAU ET PROCEDE DE PURIFICATION ASSOCIE

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Abstract (en)
[origin: WO02102844A1] An isolated 250 kDa haemocyanin from the black lip abalone (<i>Haliotis ruber</i>). A method of purification of haemocyanin from marine invertebrates using phenyl hydrophobic interaction chromatography (phenyl HIC).

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Citation (search report)

- [Y] US 6184360 B1 20010206 - BURTON LOUIS E [US], et al
- [X] HERSKOVITS THEODORE T.: "Recent aspects of the subunit organization and dissociation of hemocyanins", COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY, PART B: BIOCHEMISTRY AND MOLECULAR BIOLOGY, vol. 91, no. 4, 1988, pages 597 - 611, XP002378526
- [YX] LIEB B ET AL: "SUBUNIT ORGANIZATION OF THE ABALONE HALIOTIS TUBERCULATA HEMACYANIN TYPE 2(HTH2), AND THE CDNA SEQUENCE ENCODING ITS FUNCTIONAL UNITS D,E,F,G AND H", EUROPEAN JOURNAL OF BIOCHEMISTRY, BERLIN, DE, vol. 265, no. 1, October 1999 (1999-10-01), pages 134 - 144, XP000952187, ISSN: 0014-2956
- [A] DECKER H ET AL: "Tyrosinase/catecholoxidase activity of hemocyanins: structural basis and molecular mechanism", TRENDS IN BIOCHEMICAL SCIENCES, ELSEVIER, HAYWARDS, GB, vol. 25, no. 8, 1 August 2000 (2000-08-01), pages 392 - 397, XP004215187, ISSN: 0968-0004
- See references of WO 02102844A1

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