

[9] HUANG B, TAN C, CHANG S F, et al. Detection of noavirus in barramundi, *Lates calcarifer* (Bloch), using recombinant coat protein-based ELISA and RT-PCR[J] . Journal of Fish Diseases 2001, 24: 131— 141.

Expression and Purification of Major Capsid Protein of Orange spotted Grouper Nervous Necrosis Virus

CHEN Xiao yan^{1,2}, WENG Shao ping¹, YIN Zhi xin¹, ZHANG Min¹, HE Jian guo¹
(1. School of Life Sciences, Zhongshan University, Guangzhou 510275, China;
2. Department of Biotechnology, Jinan University, Guangzhou 510632, China)

Abstract: Fish nodaviruses, members of the *Nodaviridae* family, are the causative agents of viral nervous necrosis (VNN) in many fishes. In this study, recombant expression vector pET32a MCP which inserted with major capsid protein gene (MCP) of orange spotted nervous necrosis virus (OGNNV) is transformed into BL21. SDS PAGE and Western blot analysis confirm that the transformed *E. coli* BL21 can express MCP protein fused with polytide. Fusion proteins are produced as inclusion bodies in BL21. The recombinant proteins are purified with above 90% purity level.

Key words: *Epinephelus coioids*; nervous necrosis virus; major capsid protein; prokaryotic expression

· 简 讯 ·

本刊获“高校科技期刊先进集体”称号

由中国高校自然科学学报研究会组织的 2005 年全国高校科技期刊先进集体及优秀主编评选活动已经揭晓，最近在广西桂林举行了隆重的颁奖仪式。中山大学学报自然科学版被评为“高校科技期刊先进集体”。

近年来中山大学学报自然科学版团结协作，发挥团队作用，注重刊物的学术质量和编辑质量，在办刊中深化改革创新，走跨越式发展之路。经过多年努力，学报自然科学版从 10 年前全国高校学报排名 50 后一举跃居前列，在 2004 年教育部组织的优秀高校科技期刊评比中获一等奖，总得分列第 6 位。连续两届获国家期刊奖百种重点期刊称号，连续两次被评为“百种中国杰出学术期刊”。被美国《工程索引》(EI Compendex) 列为收录的核心源期刊。

在本次评选活动中，学报自然科学版张楚民副主编荣获“高校科技期刊优秀主编”称号。

(本刊通讯员)