### Accepted Manuscript

An acid-stable  $\beta$ -glucosidase from Aspergillus aculeatus: Gene expression, biochemical characterization and molecular dynamics simulation

INTERNATIONAL JOURNAL OF Biological Macromolecules

STRUCTURE, FUNCTION AND INTERACTIONS

Tournal Suprementations

Yu Li, Xiaoyan Hu, Jingcheng Sang, Ying Zhang, Huitu Zhang, Fuping Lu, Fufeng Liu

PII: S0141-8130(18)32341-9

DOI: doi:10.1016/j.ijbiomac.2018.07.165

Reference: BIOMAC 10209

To appear in: International Journal of Biological Macromolecules

Received date: 15 May 2018 Revised date: 17 July 2018 Accepted date: 26 July 2018

Please cite this article as: Yu Li, Xiaoyan Hu, Jingcheng Sang, Ying Zhang, Huitu Zhang, Fuping Lu, Fufeng Liu, An acid-stable β-glucosidase from Aspergillus aculeatus: Gene expression, biochemical characterization and molecular dynamics simulation. Biomac (2018), doi:10.1016/j.ijbiomac.2018.07.165

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

## ACCEPTED MANUSCRIPT

An acid-stable  $\beta$ -glucosidase from *Aspergillus aculeatus*: Gene expression, biochemical characterization and molecular dynamics simulation

Yu Li<sup>1,2,3,4</sup>, Xiaoyan Hu<sup>4</sup>, Jingcheng Sang<sup>4</sup>, Ying Zhang<sup>4</sup>, Huitu Zhang<sup>1,2,3,4</sup>, Fuping Lu<sup>1,2,3,4\*</sup>, Fufeng Liu<sup>1,2,3,4\*</sup>

#### **Corresponding Authors**

\*F. Liu, Phone: +86-22-60602717; Fax: +86-22-60602298; E-mail: fufengliu@tust.edu.cn

\*F. Lu, Phone: +86-22-60602271; Fax: +86-22-60602298; E-mail: lfp@tust.edu.cn

<sup>&</sup>lt;sup>1</sup> State Key Laboratory of Food Nutrition and Safety (Tianjin University of Science & Technology), Tianjin, 300457, P. R. China;

<sup>&</sup>lt;sup>2</sup> Tianjin Key Laboratory of Industrial Microbiology, Tianjin University of Science & Technology, Tianjin, 300457, P.R. China;

<sup>&</sup>lt;sup>3</sup> National Engineering Laboratory for Industrial Enzymes, Tianjin, 300457, P.R. China;

<sup>&</sup>lt;sup>4</sup> College of Biotechnology, Tianjin University of Science & Technology, Tianjin 300457, China.

#### Download English Version:

# https://daneshyari.com/en/article/8326750

Download Persian Version:

https://daneshyari.com/article/8326750

<u>Daneshyari.com</u>