## Accepted Manuscript

Locust bean gum galactomannan hydrolyzed by thermostable  $\beta$ -d-mannanase may reduce the secretion of pro-inflammatory factors and the release of granule constituents

Wei-Lin Chen, Huan-Ling Chen, Gui-wen Guo, Yu-Chun Huang, Cheng-Yu Chen, Yu Tsai, Keh-Feng Huang, Chao-Hsun Yang

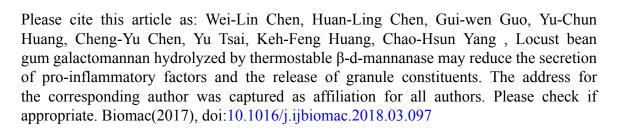
PII: S0141-8130(17)33597-3

DOI: doi:10.1016/j.ijbiomac.2018.03.097

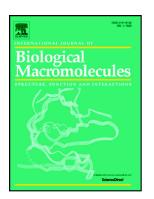
Reference: BIOMAC 9319

To appear in:

Received date: 18 September 2017 Revised date: 16 February 2018 Accepted date: 19 March 2018



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**

Running title: Hydrolyzed locust bean gum reduce immunomodulation

Locust bean gum galactomannan hydrolyzed by thermostable  $\beta$ -D-mannanase may reduce the secretion of pro-inflammatory factors and the release of granule constituents

Wei-Lin Chen <sup>a,b</sup>, Huan-Ling Chen <sup>b</sup>, Gui-wen Guo <sup>b</sup>, Yu-Chun Huang <sup>b</sup>, Cheng-Yu Chen <sup>b,c</sup>, Yu Tsai <sup>a,b,d</sup>, Keh-Feng Huang <sup>a</sup>, and Chao-Hsun Yang <sup>a,b,\*</sup>

- a. Department of Applied Chemistry, Providence University, Taichung, 43301,
  Taiwan).
- b. Department of Cosmetic Science, Providence University, Taichung, 43301,
  Taiwan.
- c. Xtremes Pure company, Taipei, 10652, Taiwan.
- d. Department of Beauty & Health Care, Min-Hwei Junior College of Health Care
  Management, Tainan, 73658, Taiwan.

<sup>\*</sup>To whom correspondence should be addressed. Tel: +886-4-26311167; Fax: +886-4-26311167; E-mail address: chyang@pu.edu.tw

## Download English Version:

## https://daneshyari.com/en/article/8327200

Download Persian Version:

https://daneshyari.com/article/8327200

<u>Daneshyari.com</u>